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# MICHELL'S

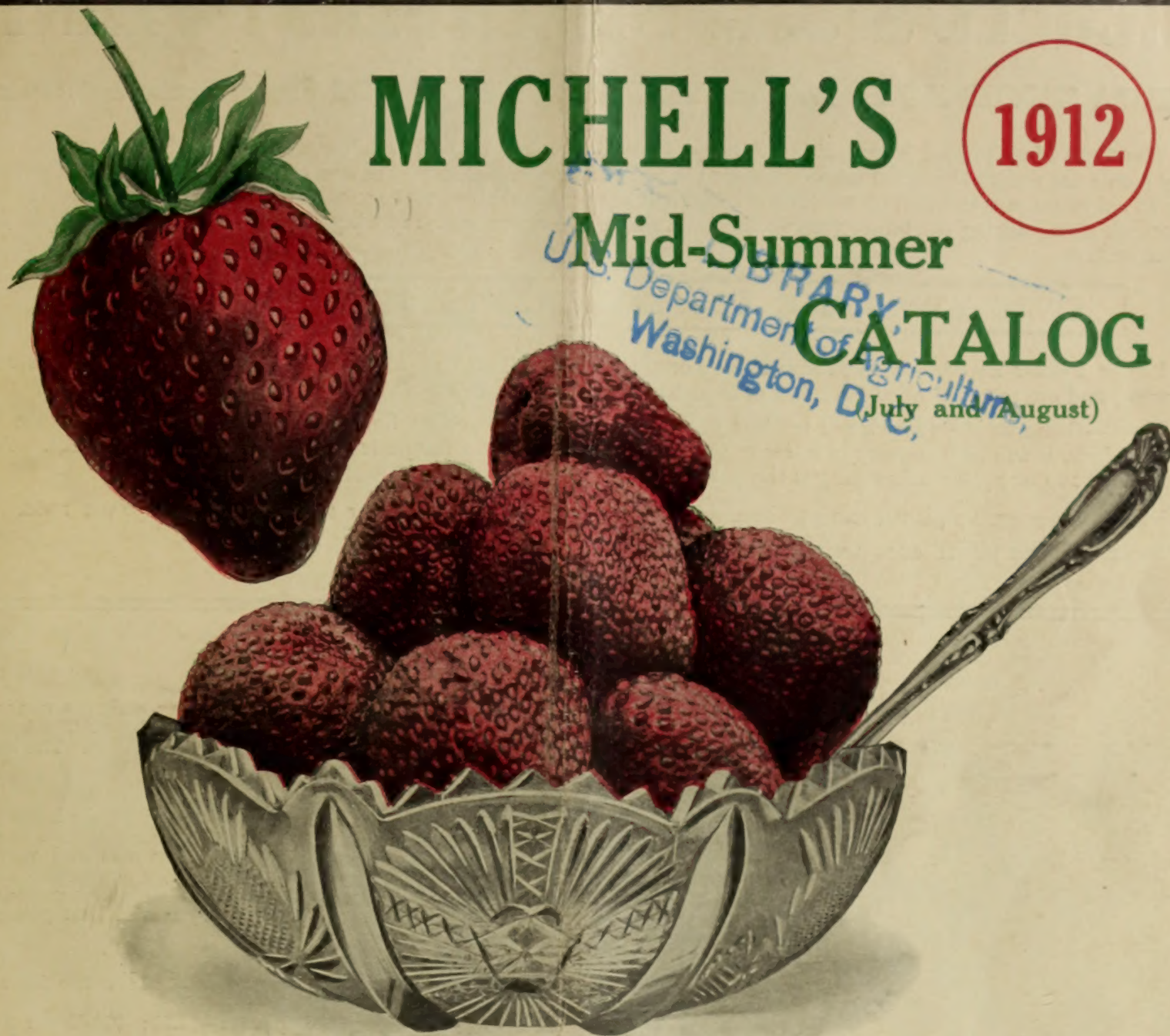
1912

Mid-Summer

## CATALOG

(July and August)

U.S. DEPARTMENT OF AGRICULTURE  
Washington, D.C.



### THE IDEAL STRAWBERRY "SENATOR DUNLAP" (Perfect)

THERE won't be a doubt left in the mind of any Strawberry Grower that this is the best Strawberry after he has tried it. It ripens early and continues in bearing a long while. In favorable growing weather it retains its size up to the end of the season. The color is beautiful, the berry large and solid and its cropping qualities are unsurpassed. The shape is nearly always uniform. You will be safe in counting on this variety as a producer of the best strawberry crop you ever harvested.

Price, Pot Grown Plants, \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.

# HENRY F. MICHELL CO.

## 518 MARKET STREET

## PHILADELPHIA

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept these goods on the above conditions, they can be returned to us within ten days.

#### TELEPHONES

BELL— LOMBARD 4220

KEYSTONE— MAIN 3600

HENRY F. MICHELL, PRESIDENT  
FRED'K J. MICHELL, VICE-PRESIDENT

"Evergreen" Seed Gardens, Torresdale, Pa.



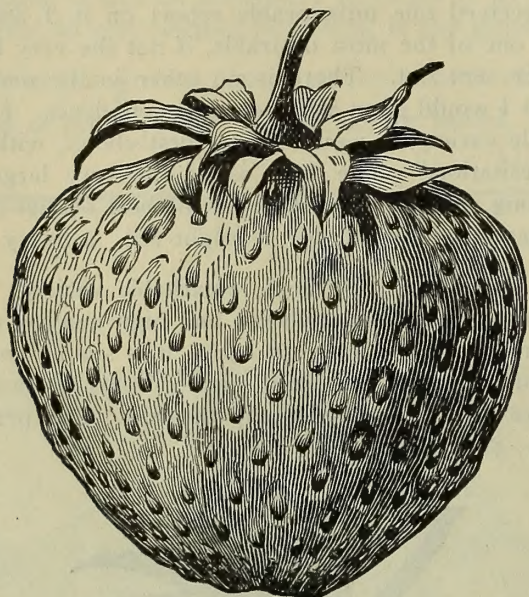
# MICHELL'S POT GROWN STRAWBERRY PLANTS

## LATE SEASON VARIETIES

**Brandywine** (Perfect). The finest of all late fruiting sorts; it has not a single defect. Plants of extra strong constitution and growth, doing well everywhere. Fruit extra large, heart-shaped; color bright, rich red.

**Chesapeake** (Perfect). A very prolific bearer, yielding well on extremely light soil; of large size; very firm and sweet.

**Commonwealth** (Perfect). A new variety with great merit. The originator says it is the largest of the large berries; very productive, fine flavored and a beautiful dark color. It is quite late, lasting well into July. A strong, robust grower.



**Gandy**

**Gandy** (Perfect). This variety is known to most every berry grower as one of the best late sorts. It is very solid and large, of a beautiful crimson color; especially good for family garden planting.

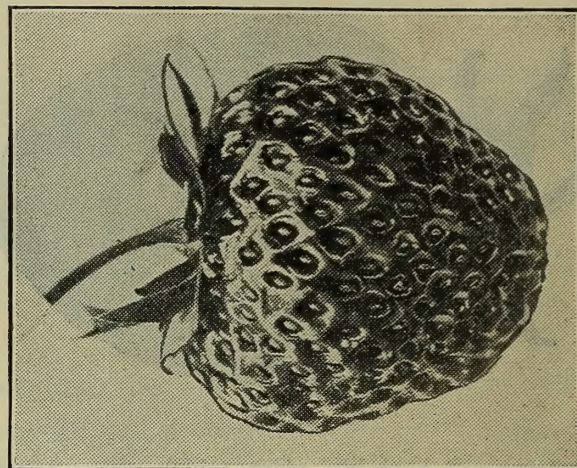
**Glen Mary** (Pistillate). One of the best of the older varieties as it still keeps its place among the prominent strawberries. The fruit is very large but rather irregular, somewhat like Sharpless. It is a great drought resister, ripening a full crop of luscious berries in the driest weather.

**Norwood** (Perfect). A very fine variety for either home or market use, it is firm, large and a great producer. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

**New Home** (Perfect). See illustration at top of page. As late and large as Gandy. Fruit a bright-red color that does not lose its lustre. It does not turn dark for a long time after being picked; uniform large size and the best shipping and keeping berry grown; vigorous grower. It will produce a large crop on either high or low land; the fruit is so firm, and keeping quality so excellent, it does not need to be picked oftener than three times a week, when it will usually make 1000 quarts or more per acre at each picking during the height of the season. It has been claimed one could pick forty quarts or more per hour, and one man declared that he picked twenty quarts in twenty minutes. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

### MICHELL'S PURE BONE MEAL

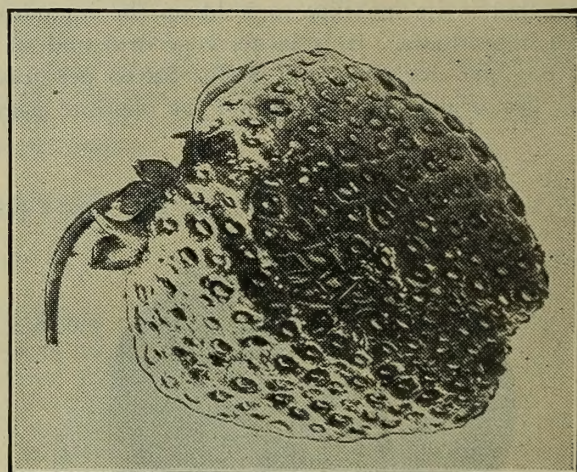
An excellent fertilizer to use when planting strawberries, about a teaspoonful to a plant. 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.



**"New Home"**

Illustration about two-thirds actual size. See price at bottom of opposite column.

**Superior.** Originated in Delaware. This variety is quite popular in some sections. The plants are strong, healthy growers, with dark, glossy, green foliage, which succeed on almost any soil and is immensely productive of small to medium berries, which are firm and good keepers. Ripen about a week after Excelsior and continue to bear until late in the season.



**Sample**

Illustration about two-thirds actual size.

**Sample** (Pistillate). One of the most popular varieties ever introduced. It is one of the very best pistillate kinds in cultivation. The plant is large and healthy, and makes plenty of runners. It is a great bearer of large, roundish berries, dark red to the centre, moderately firm, and of good quality. The fruit is large to the close of the season.

**Saunders** (Perfect). This is a good, reliable, standard sort, and has always been quite a favorite. It has a strong, perfect blossom, and is one of the best to plant with pistillate varieties, as it blooms for a longer season than most kinds. The fruit is large. It is a deep red and remarkably glossy.

Prices of any of the *Pot-Grown Strawberries* offered on this page (except where noted): 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.

**Layer Plants** of Strawberries ready after October 1st. Prices: 25c. per doz.; per 100, \$1.00; \$6.00 per 1000. Orders can be booked now.

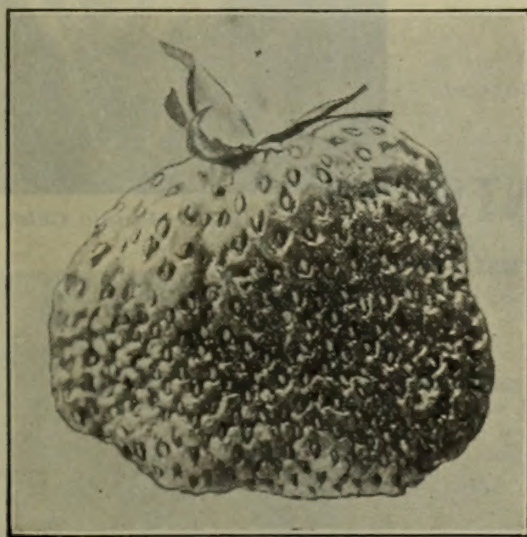


# MICHELL'S POT GROWN STRAWBERRY PLANTS

## LATE SEASON VARIETIES



**Sharpless (Perfect).** One of the old timers, but with so much merit it is impossible to discard it. It is a mid-season variety and, while irregular in shape, is very large and a tremendous cropper. A good sort for the family garden.

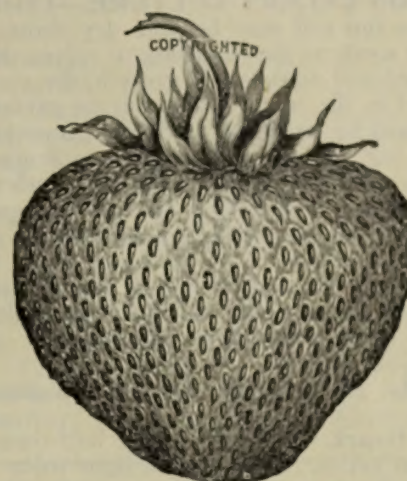


*Stevens' Late Champion*

**Stevens' Late Champion (Perfect).** This variety received unstinted praise at the last yearly meeting of the New Jersey Horticultural Society. In that section it is rapidly forging its way to the front, superseding the old and popular Gandy. The originator describes it as follows: "Very large, fine flavored, bright color, good shipper, heavy yielder, good fruit stem." This berry averaged 7,556 quarts per acre in 1902, netting \$666.96 per acre. It sold as high as 22 cents per quart last season. It has been tested on all kinds of soils and will grow successfully where any strawberry will grow. It will stand a drought better than any other berry ever grown in this section. It has never shown any sign of rust. The cap, which is double, has always kept green until the last of the season. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

Prices of any of the *Pot-Grown Strawberries* offered on this page (except where noted): 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.

**Layer Plants** of Strawberries ready after October 1st. Prices: 25c. per doz.; per 100, \$1.00; \$6.00 per 1000. Orders can be booked now.



*Haverland*

**Haverland (Perfect).** One of the most popular varieties which was introduced in a modest way some thirty years ago. It bears a big crop of berries that are above medium in size, quality and appearance. Any one who is in doubt as to what to plant would make no mistake in planting this. It seems to do well in nearly every part of the country.

### SPECIAL ATTENTION

The price of Pot-grown Strawberries, considering the returns, is not high. We grow these plants at our "Evergreen" Seed Gardens, Torresdale, Pa., and they will in every case be found to be worth all we ask for them. When planting, don't fail to put a teaspoonful of **Michell's Pure Bone Meal** with every plant and water them well, to promote quick growth.

### BOOKS ON THE CULTURE OF THE STRAWBERRY AND OTHER FRUITS

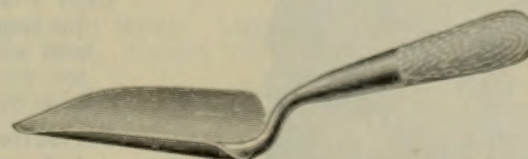
Strawberry Culture (Fuller) .....	\$0.25
Berry Book (Biggle's) .....	.50
Fruit Culturist (Thomas) .....	2.25
Small Fruit Culturist (Fuller) .....	1.00
Principles of Fruit Growing (Bailey) .....	1.25
Fruit Garden (Barry's) .....	1.50

A GOOD TROWEL is a necessity when planting strawberries. **Johnson Trowels.** All steel; wood handle.

5 inch .....	\$0.40	7 inch .....	\$0.60
6 inch .....	.50	8 inch .....	.70

### Miscellaneous Trowels.

No. 213—5 in., Thin Steel, each .....	\$0.10
No. 213—6 in., Thin Steel, each .....	.12
No. 213—6 in., Heavy Steel (Never-break) .....	.15



**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 60c. each.

Not less than 50 Plants of one Variety at 100 rate; 500 at 1000 rate



## TRANSPLANTED CELERY PLANTS

(READY ABOUT JULY 10)

These plants are grown from our own seed at our "Evergreen" Seed Gardens. We have immense quantities and can fill orders for any number.

**A WORD ON CELERY CULTURE.**—Celery delights in a good, rich, moist soil. Locations where the soil may become dry should be avoided. Nothing is more beneficial or so little work as the watering of celery during periods of drought. After it has been transplanted and made some growth, the plants should be set in permanent rows 6 to 8 inches apart in the row. Many private gardeners prefer to use the two-row system of trenches; it will be found very advantageous to work. If the idea of the market gardener is carried out, the celery is planted in single rows about 2 feet apart, 6 or 8 inches apart in the row. By the former method the celery is usually banked up to blanch until almost entirely covered with soil; the top is then covered with leaves or other litter as winter approaches. In the single-row system the celery is banked up gradually to blanch, and after this process is over, at the approach of winter it is dug up and laid in shallow trenches after being cleaned. Storing for winter is done by covering it with waterproof celery paper and topping off with soil or leaves. The celery may thus be gotten out for market during the severest weather. Good cultivation is highly necessary during the growing period.

**Boston Market.** An elegant dwarf sort, a good winter keeper, fine taste, crisp and nutty.

**Dwarf Golden Heart.** The best of the half-dwarf varieties; stalks large and full; the heart is golden yellow, turning to a light color when blanched.

**Far Superior.** Our own introduction. Offered by us exclusively in plants. This is the finest winter celery in existence. Rich flavor, very nutty.

**French Golden Self-Blanching.** An early sort. The heart is a rich golden-yellow, with light yellowish-green outer leaves.

**Giant Pascal.** The best for late winter and early spring use; remaining in condition for use the longest of any.

**Perfection Heartwell.** This is one of the best late varieties in cultivation.

**Pink Plume.** The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. (Supplied on order only.)

**White Plume.** The White Plume is unsurpassed for fall and early winter use, requiring very little earthing to blanch it.

**Winter Queen.** This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color.

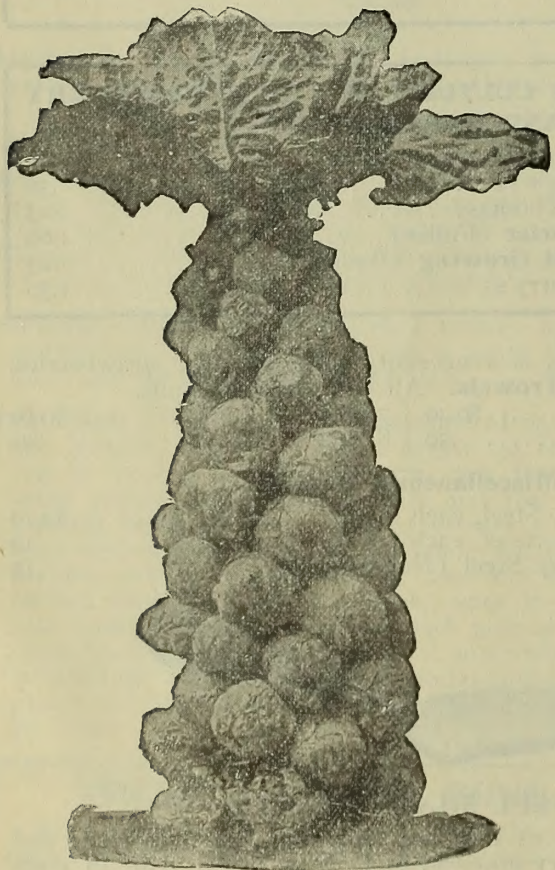
PRICES: 40c. per 100; 500 for \$1.90; \$3.75 per 1000.



White Plume Celery

## MISCELLANEOUS VEGETABLE PLANTS

(Ready from July 1st to August 15th)



Brussels Sprouts

### ARTICHOKES

**Green Globe or French.** Very easily cultivated. Our plants were started very early and are in excellent shape to stay outdoors the coming winter (with protection). \$1.50 per doz. plants; per 100, \$10.00. (Artichokes cannot be mailed.)

### BRUSSELS SPROUTS

**Matchless Improved.** The plants should be cultivated and kept free from insects. Pull off the leaf stems as the sprouts begin to appear so they may develop perfectly. 50c. per 100 (by mail, 65c.); 500 for \$2.00; \$3.50 per 1000.

### CABBAGE

**Late Flat Dutch.** A short stemmed, large, flat-head variety; very solid; keeps the entire winter when buried in cellars or pits. 40c. per 100 (by mail, 55c.); 500 for \$1.50; \$2.50 per 1000.

**Perfection Drumhead Savoy.** A very curly, dark-green sort; well flavored. 40c. per 100 (by mail, 55c.); 500 for \$1.50; \$2.50 per 1000.

**Red Dutch Drumhead.** This cabbage is very sweet and should be used more largely. It is an excellent winter keeper. 40c. per 100 (by mail, 55c.); 500 for \$1.50; \$2.50 per 1000.



Green Globe Artichoke

Artichokes are a delightful vegetable; when planted once and given protection in a hotbed, then covered with manure or other litter in winter, they last several years. They should be planted more extensively.

**Strong Plants,** \$1.50 per doz.; per 100, \$10.00.

CELERY CULTURE FOR PROFIT. A Complete Booklet. Postpaid, 20c.





Hybrid Tea Rose Killarney



Scarlet Glow

## CHOICE ROSES FOR GREENHOUSE FORCING

### STRONG PLANTS FROM 3-INCH POTS

These plants are carefully grown and gradually hardened, free from disease, and will give fine results this winter.

	Doz.	100
American Beauty. Finest crimson .....	\$2.00	\$15.00
Bride. Pure white .....	1.75	12.00
Bridesmaid. Pink .....	1.75	12.00
Double Killarney. Pink (own root) .....	5.00	35.00
Kaiserin Aug. Victoria. White .....	1.75	12.00
Killarney. Pink (New) .....	1.75	12.00
Lady Hillington. Orange copper..... (50c. each)	5.50	30.00
Mrs. Aaron Ward. Coppery bronze.... (25c. each)	2.50	15.00
Maryland. Deep pink .....	1.75	12.00
Mrs. Jardine. Pink (New) .....	1.75	12.00
Perle des Jardins. Yellow .....	1.75	12.00
Rose Queen. Vivid rose .....	4.00	25.00
Richmond. Crimson scarlet .....	1.75	12.00
White Killarney. (Waban Strain) own roots ....	1.75	12.00
White Killarney. (Waban Strain.) Grafted stock	3.00	20.00

NOTE.—We can supply strong stock of grafted roses in all the leading varieties. Please write us your wants and we will furnish them promptly.

## CARNATION PLANTS

For winter blooming in conservatory and greenhouse. Our carnation plants are all field grown clumps from our own nurseries, which will give immediate results indoors. Plants are not available, being field-grown. Ready about September 1st.

### WHITE

Alma Ward (New). Very fine form.  
 White Enchantress. Of purest white, very popular.  
 White Perfection. The largest white carnation.  
 White Wonder (New). Beautiful large flower.

### PINK

Dorothy Gordon. A shade deeper than Enchantress.  
 Gloriosa (New). Light pink, exquisite shade.  
 Mrs. C. W. Ward. Deep pink but lighter than Lawson.  
 Washington. Rich brilliant pink.  
 Pink Delight. Deeper and brighter than Enchantress.  
 Rose Pink Enchantress.  
 May Day. Light pink.  
 Winsor. Clear rose pink.  
 Princess Charming. Bright pink.  
 Enchantress. Light soft pink.

### RED

Scarlet Glow. Bright clear scarlet.  
 Beacon. Bright red.  
 Christmas Cheer. Rich, crimson scarlet. 35c. each, doz. 3.50, 25.00 per 100.

### CRIMSON

Ruby. Deep crimson, gigantic flower.

### YELLOW

J. Whitcomb Riley. Light primrose yellow.  
 Canarie Bird. Canary yellow.

Prices of any of the above (except where noted), 25c. each, doz. \$2.50, \$15.00 per 100.

## VIOLET PLANTS

Field-grown clumps ready about September 15th.

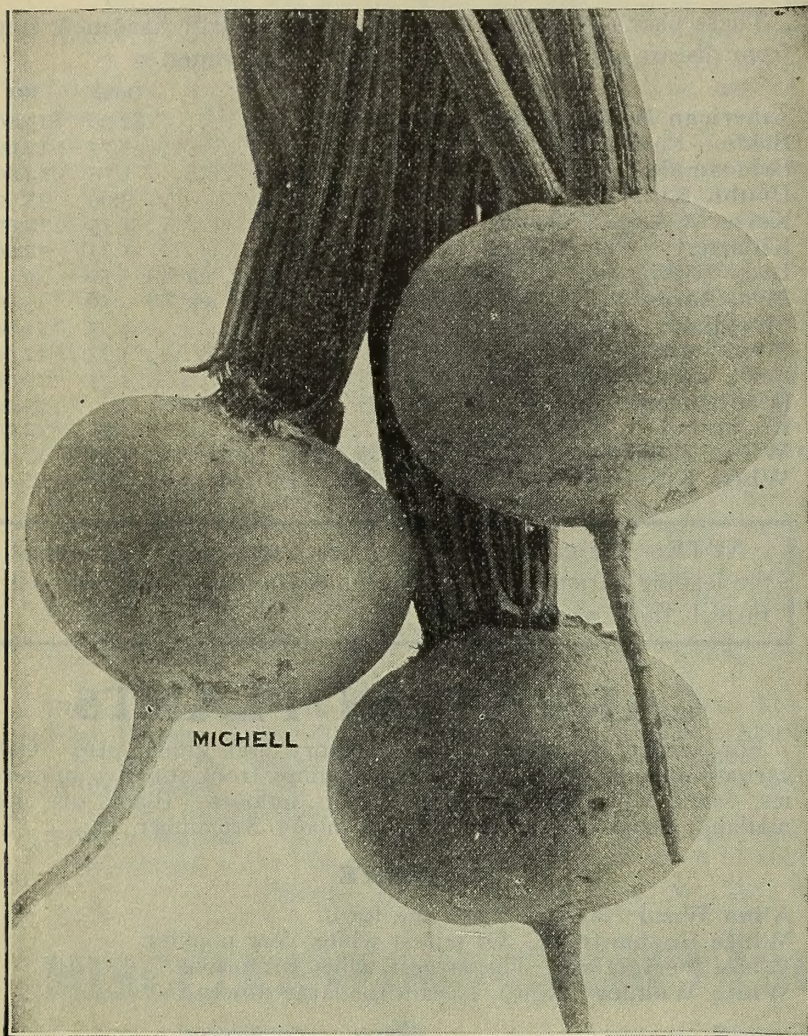
Lady Hume Campbell. Double blue.  
 Swanley White. Double.  
 Luxonne and Princess of Wales. Single blue.

Price, 15c. each (by mail 25c.), \$1.50 doz., \$10.00 per 100.



# SEASONABLE VEGETABLE SEEDS

For a Complete List see our General Seed Catalog, mailed on request.



Crosby's Egyptian Beet

## BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)...	\$0.05	\$0.15	\$0.50	\$1.85
Bassano Extra Early (Turnip) .....	.05	.15	.40	1.50
Bastian's Early Turnip (16 lb. per bu.)	.05	.15	.50	1.85
Crosby's Egyptian (Turnip) .....	.05	.20	.75	2.75
Detroit Dark Red (Turnip) .....	.05	.15	.45	1.60
Eclipse Extra Early (Round) .....	.05	.15	.50	1.75
Edmand's Blood (Turnip) .....	.05	.15	.45	1.60
Lentz Turnip .....	.05	.15	.40	1.50
Swiss Chard. Silver Leaved .....	.05	.10	.20	.60
Swiss Chard, Giant Lucullus .....	.05	.15	.35	1.00

Also all other Varieties

## BEANS—Green Podded, Dwarf Varieties

Large Packets of all varieties 10c. postpaid.

	Pt.	Qt.	4 Qts.	Peck	Bush.
Best of All .....	\$0.15	\$0.25	\$0.90	\$1.75	\$7.00
Boston Navy or Pea .....	.15	.25	.80	1.25	5.00
Early Long Yellow (6 weeks) ..	.15	.25	.90	1.50	6.00
Early Mohawk (6 weeks) .....	.15	.25	.90	1.50	6.00
Emperor William for forcing ..	.35	.60	2.15	3.75	
Black Valentine .....	.15	.30	1.00	1.75	7.00
Longfellow, very fine variety ...	.15	.25	.90	1.75	7.00
Mammoth Stringless or Giant Valentine .....	.20	.35	1.10	2.00	8.00
Red Valentine (Improved) ....	.15	.25	.90	1.60	6.00
Stringless Green Pod .....	.15	.30	1.10	1.75	7.00
Triumph of Frames (for forcing) ..	.25	.45	1.60	2.75	11.00
White Kidney or Royal Dwarf ..	.15	.25	.75	1.30	5.25
White Marrowfat (used shelled) ..	.15	.25	.80	1.50	6.00

Also all other Varieties

## BEANS—Wax or Yellow Podded

Large Packets of all varieties 10c. postpaid.

	Pkt.	Qt.	4 Qts.	Peck	Bush.
Black or German Wax .....	\$0.15	\$0.30	\$1.10	\$2.00	\$8.00
Currie's R. P. Golden Wax ....	.15	.30	1.10	2.10	8.40
Dwarf Golden Wax (Rust Proof) ..	.15	.30	1.10	2.00	8.00
Hodson's Yellow Pod Wax ....	.15	.30	1.10	2.00	8.00
Stringless White Wax .....	.20	.40	1.50	2.75	10.00
Round Pod Kidney Wax .....	.15	.30	1.10	2.00	8.00
Valentine Wax (Round Pod) ..	.20	.35	1.25	2.25	9.00
Wardwell's Kidney Wax .....	.15	.30	1.10	2.00	8.00
White Wax .....	.15	.30	1.10	2.00	8.00

## CAULIFLOWER

	Pkt.	¼ oz.	Oz.
Algiers, large late for outdoor .....	\$0.10	\$0.25	\$0.75
Danish Giant .....	.25	1.00	3.50
Early Snowball (True), for forcing ..	.20	.85	2.75
Earliest Snow Storm, for forcing .....	.25	1.50	5.00
Half Early Paris for outdoor use .....	.10	.20	.65
Le Normand Short Stem, for outdoor use....	.10	.20	.65
Michell's Selected Erfurt (True) .....	.20	.85	2.75
Veitch's Autumn Giant, for outdoor use....	.10	.20	.65

## CORN, Sweet or Sugar—Connecticut Grown

Varieties that can be planted early in July. Large Packets 10c. postpaid.

	Pt.	Qt.	4 Qts.	Peck	Bush.
Adams' Extra Early .....	0.15	\$0.25	\$0.90	\$1.25	\$5.00
Aristocrat Extra Early .....	.20	.35	1.10	1.75	7.00
Country Gentleman .....	.15	.30	1.10	1.80	7.20
Country Gentleman (Improved Strain) .....	.20	.40	1.50	2.75	10.00
Crosby's Extra Early .....	.15	.25	.90	1.40	5.60
Early Evergreen .....	.15	.25	.90	1.40	5.60
Early Giant Wonder .....	.20	.40	1.40	2.50	10.00
Early Mammoth .....	.15	.25	.90	1.40	5.60
First of All .....	.15	.25	1.10	1.60	6.40
Golden Bantam .....	.20	.35	1.25	2.00	8.00
Improved Ideal, a fine early sort ..	.15	.30	1.00	1.75	7.00
Kendel's Early Giant .....	.15	.30	1.00	1.65	6.25
Little Gem (Shoe Peg) .....	.15	.30	1.10	1.80	7.20
Michell's Delicious .....	.20	.40	1.50	2.75	11.00
Peep O'-Day, very early .....	.15	.30	1.10	2.00	8.00
Stabler's Extra Early .....	.15	.25	.90	1.40	5.60

## CORN SALAD

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved, Round Seeded .....	\$0.05	\$0.10	\$0.20	\$0.60

## CUCUMBER

	Pkt.	Oz.	¼ lb.	Lb.
Cumberland .....	\$0.05	\$0.10	\$0.30	\$1.00
Davis' Perfect .....	.05	.15	.45	1.35
Cool and Crisp .....	.05	.10	.30	1.00
Emerald .....	.05	.15	.40	1.25
Evergreen .....	.05	.10	.30	1.00
Japanese Climbing .....	.05	.15	.40	1.25
Jersey Pickle or Green Prolific .....	.05	.10	.30	1.00
Long Green Turkey (Improved) ....	.05	.10	.30	1.00
Small Gherkin or Burr .....	.05	.20	.60	2.25
White-Spined (Arlington Strain) ....	.10	.15	.50	1.50
White-Spined (Improved Strain) ....	.05	.10	.30	1.00

## English Forcing Sorts

See illustration on upper part of opposite page.

	Pkt. of 12 seeds	Per 100 seeds
Covent Garden .....	\$0.25	\$2.00
Lockie's Perfection .....	.25	2.00
Marquis of Lorne .....	.25	2.00
Rochford's Market .....	.25	2.00
Sion House .....	.25	2.00
Telegraph .....	.25	2.00
Tender and True .....	.25	2.00



*Forcing Cucumber—Marquis of Lorne***ENDIVE**

	Pkt.	Oz.	¼ Lb.	Lb.
Broad Leaved Batavian (Escarolle) ..	\$0.05	\$0.15	\$0.50	\$1.50
Giant Fringed .....	.05	.25	.75	2.50
Improved Green Curled .....	.05	.15	.50	1.50
White Curled, self-blanching .....	.05	.20	.50	1.50

*Michell's All Right Lettuce***LETTUCE**

	Pkt.	½ Oz.	Oz.	¼ Lb.	Lb.
All Heart .....	\$0.10	\$0.15	\$0.25	\$0.75	\$2.25
All-Right, Spring and Autumn ..	.10	.15	.25	.75	2.50
Big Boston (Selected Stock) ..	.05	.10	.20	.60	2.00
Black Seeded Simpson .....	.05	.10	.15	.50	1.50
Boston Market (White Seeded) ..	.05	.10	.20	.50	1.50
Cabbage Head Giant .....	.10	.15	.25	.80	2.75
California Cream Butter .....	.05	.10	.15	.40	1.25
Deacon, excellent for summer... ..	.05	.10	.15	.40	1.30
Deacon, Improved Strain .....	.10	.15	.25	.75	2.25
Dutch Butter, Private Stock ...	.10	.15	.30	1.00	2.50
Early Cabbage or White Butter ..	.05	.10	.15	.45	1.50
Early Curled Simpson .....	.05	.10	.15	.45	1.50
Emperor Forcing .....	.05	.10	.20	.50	1.60
Golden Queen .....	.05	.10	.20	.50	1.50
Grand Rapids Forcing .....	.05	.10	.20	.50	1.50
Hanson Improved .....	.05	.10	.20	.50	1.50
Iceberg .....	.05	.10	.15	.45	1.60
Kingsholme Cos. or Romaine ..	.05	.10	.20	.50	1.50
Mammoth Salamander (True) ..	.05	.10	.20	.50	1.75
May King .....	.10	.15	.25	.75	2.50
Michell's "Number One" .....	.10	.15	.30	1.00	3.00
Salamander (summer sowing) ..	.05	.10	.20	.50	1.50
Sensation (for summer sowing) ..	.05	.10	.20	.50	1.75
Silesian, loose leaved .....	.05	.10	.15	.45	1.50
Silver Ball .....	.05	.10	.20	.50	1.50
Tennis Ball (Black Seeded) ....	.05	.10	.20	.50	1.50
Trianon Self-Folding Cos. ....	.05	.10	.20	.50	1.50
Unrivalled .....	.05	.10	.20	.60	2.00
White Russian Summer .....	.05	.10	.20	.60	2.00
Wonderful (forcing and summer use) .....	.05	.10	.20	.50	1.75

*For other Varieties see our General Seed Book***PARSLEY**

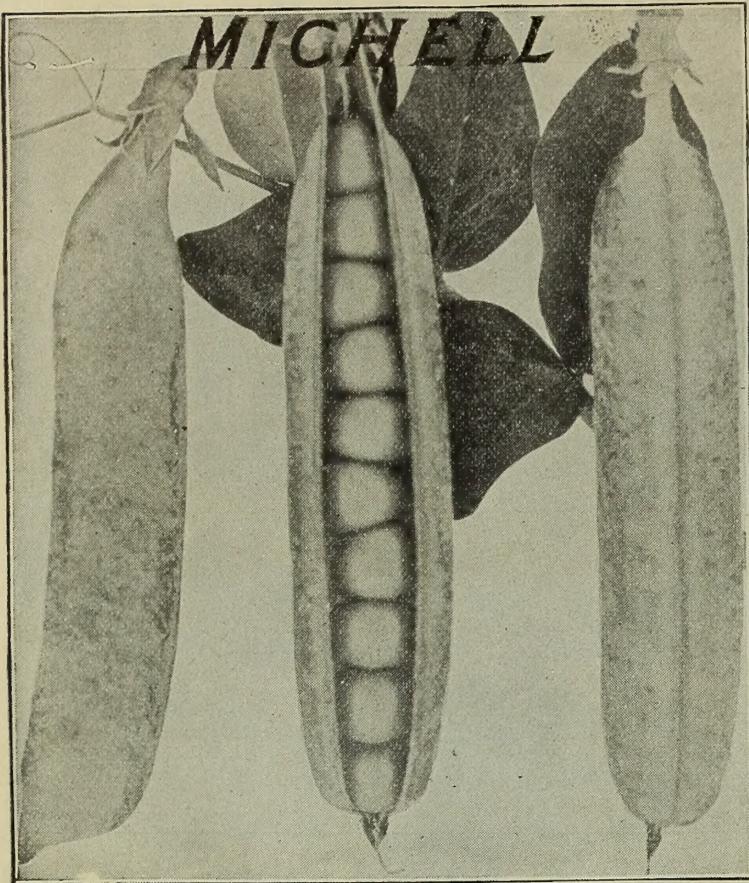
	Pkt.	Oz.	¼ Lb.	Lb.
Champion Moss Curled .....	\$0.05	\$0.10	\$0.25	\$0.85
Double Curled (Covent Garden) ..	.05	.15	.50	1.50
Dwarf Perfection .....	.10	.25	.75	2.75
Extra Curled Perpetual .....	.05	.10	.25	.85
Fern Leaved .....	.05	.10	.30	.90
Hamburg or Rooted .....	.05	.15	.50	1.75
Plain Curled .....	.05	.10	.25	.75
Summer Green .....	.05	.10	.25	.85

*Dwarf Green Scotch Kale***KALE**

	Pkt.	Oz.	¼ Lb.	Lb.
Dwarf Green Curled German .....	\$0.05	\$0.10	\$0.25	\$0.80
Dwarf Green Scotch (New) .....	.05	.10	.30	.80
New Imperial Long Standing .....	.05	.10	.30	.90
Tall Purple Scotch .....	.05	.10	.75	.75

Our General Seed Catalog gives a full description of all varieties of Vegetable Seeds we offer





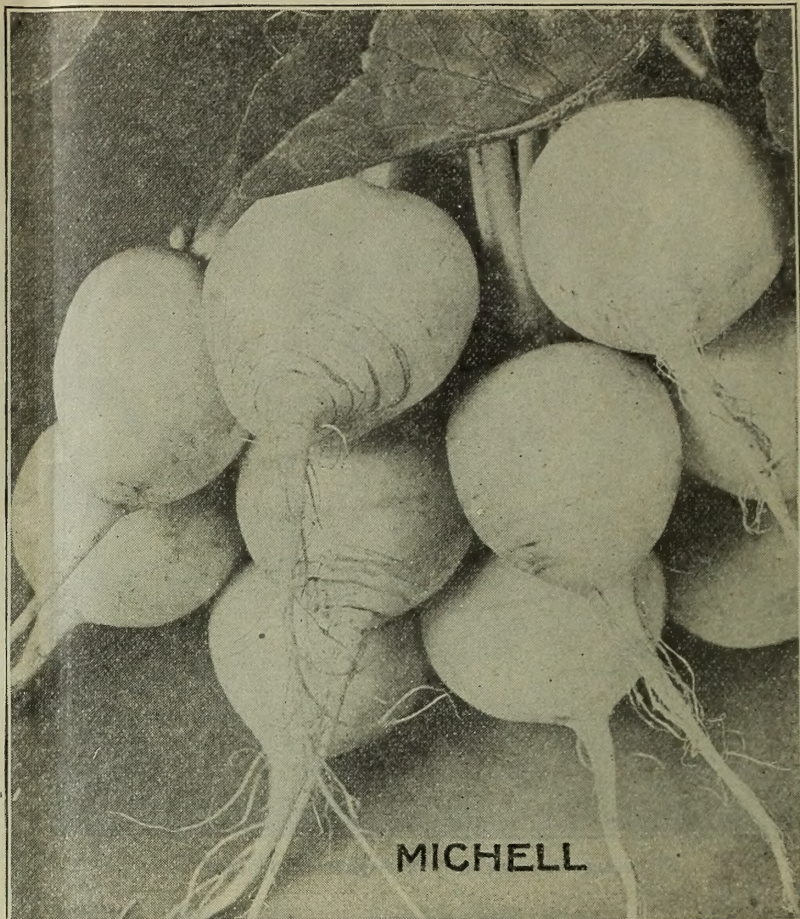
Dandy Extra Early Peas

## PEAS

Large Packets of all varieties 10c. postpaid.

	Pt.	Qt.	4 Qts.	Peck
Advancer (McLean's). Medium early.	\$0.20	\$0.35	\$1.30	\$2.50
Alaska (Extra Early)	.25	.50	1.90	3.50
American Wonder (Extra Early)	.25	.50	1.90	3.50
Black Eye Marrowfat (Late)	.15	.25	.90	1.60
Bliss, Abundance (Medium Early)	.20	.40	1.50	2.75
Champion of England (Late)	.25	.45	1.60	3.00
Daisy or Dwarf Telephone (Medium)	.25	.45	1.75	3.25
Dandy (Extra Early), Michell's.	.25	.50	1.90	3.50
Duke of York (Late)	.25	.45	1.60	3.00
Dwarf Sugar (Edible Pod)	.20	.40	1.50	2.75
Early June	.25	.50	1.90	3.50
Early Morn	.30	.60	2.00	3.75
Eureka (Extra Early, True)	.25	.45	1.60	3.00
Alderman (Late)	.25	.50	1.90	3.50
Gradus or Prosperity (Extra Early)	.35	.65	2.50	4.50
Heroine (Medium Early)	.20	.40	1.50	2.80
McLean's Little Gem (Extra Early)	.25	.50	1.90	3.50
Saxonia (Extra Early)	.35	.60	2.25	4.00
Long Island Mammoth (Medium)	.20	.40	1.50	2.75
Ameer (Early)	.25	.45	1.60	3.00
Michell's Special Extra Early	.30	.55	2.00	3.75
Nott's Excelsior (Extra Early)	.25	.50	1.90	3.50
Nott's Excelsior (Improved Strain)	.30	.55	2.00	3.75
Sutton's Excelsior (Early)	.30	.50	1.90	3.50
Pride of the Market (Medium)	.20	.40	1.50	2.80
Stratagem (Improved Late)	.25	.50	1.90	3.50
Telephone (Late)	.25	.50	1.90	3.50
Thos. Laxton (Very Early)	.35	.65	2.50	4.50
White Marrowfat (Late)	.15	.25	.90	1.60
Yorkshire Hero (Late)	.25	.40	1.50	2.80

For other Varieties see our General Seed Book



Michell's White Box Radish (Felton's Strain)

## RADISH

	Pkt	Oz.	¼ Lb.	Lb
Beckert's Chartier (Long Scarlet)	....\$0.05	\$0.10	\$0.30	\$0.75
Black (½ Long Winter)	.....	.10	.30	1.00
Black Spanish (Long Winter)	.....	.10	.25	.75
Black Spanish (Round Winter)	.....	.10	.25	.75
Brightest Scarlet (½ Long)	.....	.10	.20	.60
California White Winter	.....	.10	.25	.75
Cardinal Globe	.....	.10	.30	1.00
Cardinal Globe (Improved Strain)	...	.15	.40	1.25
Celestial or White Chinese (Winter)	.....	.10	.30	1.00
Crimson Giant (New)	.....	.10	.30	1.00
Fireball	.....	.10	.30	.85
French Breakfast	.....	.10	.30	.85
Golden Olive Shaped (Yellow)	.....	.10	.20	.65
Icicle (Long, Pure White)	.....	.10	.30	.85
Icicle (Improved Strain)	.....	.15	.40	1.25
Large White Summer (Turnip-Shaped)	.....	.10	.20	.60
Long Scarlet Short Top	.....	.10	.25	.80
Long White Lady Finger	.....	.10	.25	.75
Round Red Forcing or Button	.....	.10	.30	.85
Round Scarlet China (Winter)	.....	.10	.25	.70
Round White Forcing or Button	....	.10	.30	.85
Scarlet China Winter (½ Long)	....	.10	.25	.75
White Box (Felton's Private Stock)	..	.15	.30	1.00
White Box (Myer's Stock)	.....	.10	.25	.75
White Strasburg (½ Long)	.....	.10	.20	.70

## TESTIMONIAL

Battlesville, Oklahoma.

Enclosed is draft to pay my bill. I can buy seeds nearer home but the reason I send to you is because I know what to expect.

A. E. BOYCE.

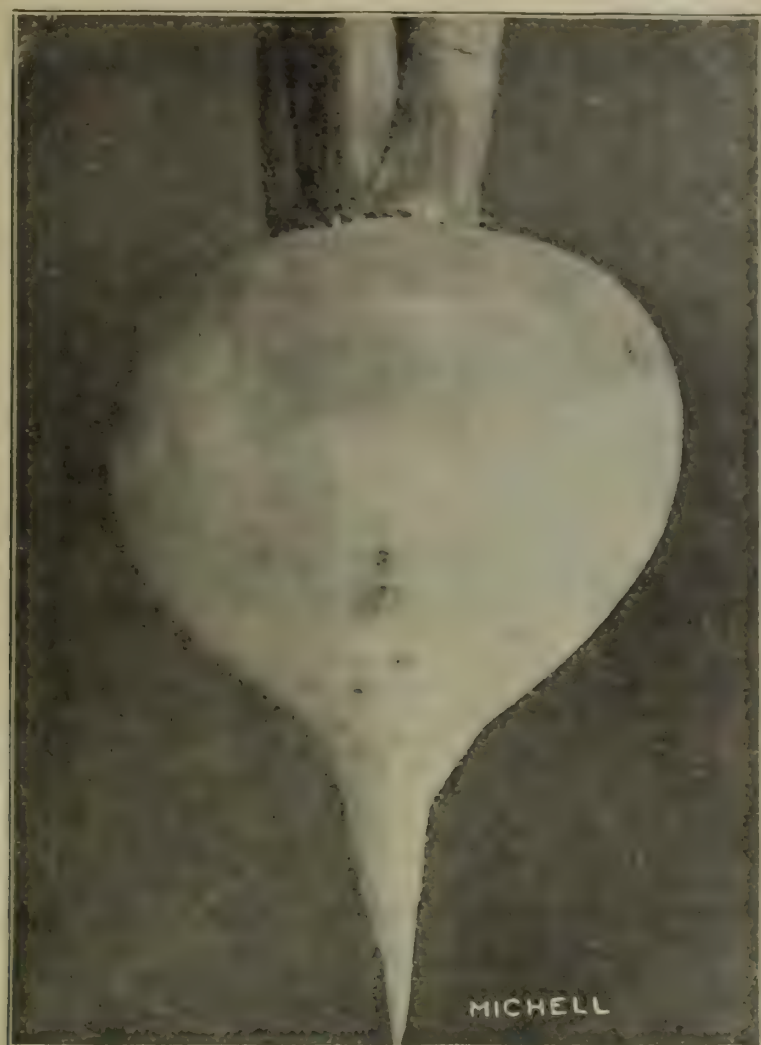
## TESTIMONIAL

Cadillac, Michigan.

I want to thank you for the prompt delivery of my order, the close attention you gave to my instructions and for the unusual courtesy shown.

CHESTER H. CLAPP.





Private Strain Improved Purple Top White Globe Turnip

**TURNIP AND RUTA BAGA**

	Pkt.	Oz.	¼ Lb.	½ Lb.	1 lb.
Cow Horn .....	\$0.05	\$0.10	\$0.20	\$0.30	\$0.60
Early Purple Top, Flat .....	.05	.10	.20	.30	.50
Early White Egg .....	.05	.10	.20	.30	.50
Early Purple Top Munich ....	.05	.10	.20	.35	.60
White Globe (Private Stock) ..	.05	.15	.35	.50	1.00
Purple Top White Globe .....	.05	.10	.20	.35	.60
Robertson's Golden Ball .....	.05	.10	.20	.30	.50
Ruta Baga, Yellow Purple Top. .	.05	.10	.20	.30	.50
Ruta Baga, Private Stock, Globe	.05	.15	.30	.50	1.00
Snow Ball, Extra Early, White. .	.05	.10	.20	.35	.60
White Flat Dutch, Strap Leaved	.05	.10	.20	.30	.50
White Milan, Extra Early ....	.05	.10	.25	.45	.80
Yellow Aberdeen, Flat .....	.05	.10	.20	.35	.60
Yellow Globe or Amber .....	.05	.10	.20	.35	.60

**SPINACH**

	Pkt.	Oz.	¼ Lb.	½ Lb.	1 lb.
Belgian Evergreen .....	\$0.05	\$0.10	\$0.20	\$0.50	\$2.00
Bloomsdale Savoy .....	.05	.15	.40	1.75	
Bloomsdale Savoy (Improved Strain) .....	.05	.10	.20	.50	2.00
Long Season (New) .....	.05	.10	.20	.50	2.25
New Zealand .....	.05	.10	.30	1.00	
Prickly Seeded .....	.05	.15	.35	1.50	
Victoria (Long Standing) .....	.05	.15	.40	1.75	

**TOMATOES—Adapted for Forcing**

	Pkt.	½ Oz.	Oz.
Best of All (Sutton's) in original Pkts. ....	\$0.50		
Comet .....	.10	\$0.20	\$0.40
Eclipse (Sutton's) in original Pkts. ....	.50		
Lorillard .....	.10	.15	.30
Michell's Crackerjack .....	.20	.60	1.00
Stone (Private Stock) .....	.10	.20	.40



A Cluster of Mushrooms from Michell's Pure Culture Spawn

**MUSHROOM SPAWN****LAMBERT'S AMERICAN PURE CULTURE SPAWN.**

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Standard No. 8 Cream White. For use from April to October.

Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Per brick, about 1¾ lbs. ....	\$0.25	10 bricks .....	\$2.00
Per brick, postpaid .....	.35	25 bricks .....	4.00
5 bricks .....	1.10	50 bricks .....	7.00

Direct No. 8 Cream White. For use from April to October.

Direct No. 9 Pure White Type. For use from October to April.

Prices of Pure Culture Spawn. Direct Bricks.

Per brick .....	\$0.30	10 bricks .....	\$2.30
Per brick, postpaid .....	.40	25 bricks .....	5.60
5 bricks .....	1.25	50 bricks .....	10.50

**ANGLO-AMERICAN MUSHROOM SPAWN.**

This brand of spawn is made after pure culture method.

Prices—

1 brick .....	\$0.30	10 bricks .....	\$2.30
1 brick, postpaid .....	.40	25 bricks .....	5.60
5 bricks .....	1.25	50 bricks .....	10.50

**MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN.**

15c. per brick (25c. postpaid); per doz., \$1.60; 25 lbs., \$2.50; \$8.00 per 100 lbs.

**Books on Growing Mushrooms**

Pamphlet (gratis for a postal card asking for it.)

Robinson's Book (postpaid) ..... \$0.50

Falconer's Book (postpaid) ..... 1.00

**MUSHROOM OR HOT BED THERMOMETERS**

Mailed at customer's risk only. Add 15c. for mailing.

Heavy Brass Point style .....	\$1.50
Heavy Iron Point style .....	1.25

**TESTIMONIAL ON MUSHROOM SPAWN**

Enclosed find a check for my account. The mushroom spawn I had last year from you was the best ever.  
South Manchester, Conn. PETER ZIMMERMAN



## SEASONABLE FARM SEEDS

Prices subject to Market Changes



THE THIRD CROP OF  
ALFALFA  
ONE SEASON

Cutting Alfalfa on the farm of R. Mason Lisle, Paoli, Pa.  
Seed furnished by us.

## CLOVERS

**Alsike or Swedish Clover.** The hardiest clover in cultivation. Particularly valuable when sown for mingling with other hay crops. One sowing lasts many years. Sow 10 lbs. per acre alone or 6 lbs. where sown with other crops. Sow from April to June and in the late summer and autumn. Height, 1 to 3 feet, according to climate and soil. Price, 25c. lb. Write for price on larger quantity.

**Bokhara Clover.** A tall, quick growing variety, principally used for providing food for bees. Sow early in April; 15 lbs. per acre. Height, 3 to 5 feet. Price, 30c. per lb., per 10 lbs. \$2.50.

**Crimson Clover (Delaware grown).** Far superior to imported. The latter is not well able to withstand our winters. Used principally for soiling or green manuring, is also relished by cattle when they become accustomed to it. Sow 20 lbs. per acre, any time from May until middle of October. Height about 18 inches. 15c. lb. Write for price on larger quantity.

**Red Clover (Medium).** Principally sown for hay purposes on timothy fields early in the spring and fall. Sow 20 lbs. per acre if alone or 15 lbs. where other grass or hay crops are standing, from March 15th to May 1st and in the late summer and autumn. Height, about 18 in. to 2 feet. Price, 25c. lb. Write for price on larger quantity.

**Mammoth Red Clover (Pea Vine Clover).** Also called English Cow Grass. This sort is very similar to the above, excepting that it grows somewhat larger and remains established longer. Sow from March 15th to May 1st and in the late summer and autumn; 15 lbs. per acre if sown alone or 10 lbs. if sown with another hay or grass crop. Price, 25c. lb. Write for price on larger quantity.

**White Dutch or Lawn Clover (Fancy Recleaned).** For use on pasture lands it is extremely valuable. Sow 10 to 12 lbs. per acre on land seeded with grass or other grain from April 1st to September 1st. Price, 50c. (by mail, 58c.) per lb. Write for price on larger quantity.

## WINTER RYE

**Penna. Large White.** Sow 1 to 1½ bushels per acre during September, October or early November. It makes an excellent early green food in spring and may be used for turning under or harvesting. 10c. qt., peck 40c., \$1.35 per bu.

## RECLEANED TIMOTHY

Our stock of this is unusually large and of very good quality; for sowing among wheat as a second year hay crop or for sowing alone for a first year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. 20c. lb. Write for price on larger quantity.

We make a specialty of the very best obtainable in this line; cheap farm seeds are expensive at any price, besides a poor crop they mean an inferior quality. Samples are mailed, without any charge, on application.

## RECLEANED ALFALFA

Now is the time to sow

Sow ½ bushel per acre in May or during August and early September, or most any season when weather conditions are favorable, top dress it with manure every fall, and it will rarely winter kill. It can be cut usually three times in one season. The great secret in getting a successful stand of Alfalfa lies in the preparation of the ground; it will pay everyone who wants to grow this valuable farm crop to give the ground preparation most intelligent thought. It must be borne in mind that an Alfalfa field properly started will yield successfully a score of years. 25c. per lb. Write for price on larger quantity. Ask for Pamphlet on Alfalfa, mailed free.

**PURITY NOTE.**—We have on file a U. S. Government report showing the Alfalfa seed sold by us to be over 99½ per cent. pure, germination test over 94 per cent. in five days.

## TESTIMONIAL ON MICHELL'S ALFALFA.

The Alfalfa I bought of you was sown on Sept. 4th. By September 9th it was showing above the ground and to-day, the 24th, I have a stand three inches high. I am simply amazed at the good quality of the seed.

ELK RIDGE, MD.

DR. W. R. EARECKSON.

WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch

Extensively used as a soil renovator or for dry or green feed in the early spring. It may be sown alone or with Winter Rye or Oats; is perfectly hardy, thriving in every climate, under most adverse conditions. Is very nutritious and live stock relish it. When sown with rye, etc., it will attain a height of 4 to 5 feet; it requires ½ bushel to sow an acre broadcast alone or with other crops. Sow as early as possible in the fall or summer and get a good growth before cold weather sets in. 60 lbs. per bushel, 15c. per lb., 10 lbs. \$1.35, \$7.00 per bushel, 100 lbs. \$12.00.

Add 22c. for each two bushel seamless bag required on farm seed orders. This price is refunded on return of seamless bags, charges paid and in good order.



Crimson Clover

All Prices on Farm Seeds subject to Market Change





## MICHELL'S RELIABLE GRASS SEEDS

Our Grass Seed Mixtures have been awarded highest honors, they have been sown on the grounds of all Expositions, and to-day are better known on Pleasure Grounds, Parks and Estates than any other.

### FANCY WHITE DUTCH CLOVER

For sowing on lawns and in fields. Lb. 50c. Price on larger quantity on application.

### GRASS MIXTURES FOR LAWNS, PLEASURE GROUNDS AND FIELDS

	Lbs. per bush.	Qt.	2 Qts.	4 Qts.	Peck	Bush.	5 Bush.
Michell's Green Velvet Lawn Seed .....	20	\$0.30	\$0.50	\$0.85	\$1.25	\$5.00	\$24.00
" Evergreen Lawn Seed .....	20	.25	.40	.65	1.00	4.00	19.50
" Shaded Lawn Seed .....	20	.25	.40	.75	1.25	5.00	24.00
Fairmount Park Lawn Seed .....	15	.20	.35	.60	.85	3.00	14.00
Evergreen Grass with no clover .....	20	.25	.40	.65	1.00	4.00	19.50
Seashore Lawn Seed .....	20	.25	.40	.75	1.25	5.00	24.00
Terrace or Embankment Grass Seed .....	20	.25	.40	.75	1.25	5.00	24.00
Golf Course or Fair Greens Grass Seed .....	15	.20	.35	.50	.85	3.25	15.00
Putting Greens Grass Seed (Michell's) .....	20	.30	.50	.90	1.50	6.00	28.75
Southern States Lawn Grass Seed .....	15	.20	.35	.60	1.00	3.50	16.25
Special Sod Grass Seed .....	15	.25	.40	.75	1.00	4.00	18.75
Michell's Permanent Pasture Grass Seed .....	15	.20	.35	.50	.85	3.00	13.75
" Hay Field Grass Seed .....	15	.20	.35	.50	.85	3.00	13.75

### GRASSES IN SEPARATE VARIETIES

#### PRICES SUBJECT TO MARKET CHANGES

**Awnless Brome** (*Bromus Inermis*). Sow 40 lbs. per acre. (Bu. 14 lbs.) Price, 16c. per lb., \$13.50 per 100 lbs., per bu. \$2.00.

**Blue Grass, Fancy Kentucky** (*Poa Pratensis*). Our stock of this is extra fine, thoroughly re-cleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields. (Bu., 14 lbs.) Price, per lb., 20c., \$15.00 per 100 lbs., 60c. per peck, per bu. \$2.25.

**Blue Grass, Canadian** (*Poa Compressa*). Makes an ideal pasture highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed. (Bu., 14 lbs.) 28c. per lb., \$23.00 per 100 lbs., bu. \$3.50.

**Bermuda Grass** (*Cynodon Dactylon*). Hardy only in the South, used for pasture and lawn. \$1.00 per lb.

**Creeping Bent** (*Agrostis Stolonifera*). Adapted admirably for lawns also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.). 40c. per lb., 100 lbs. \$32.50, bu. \$6.75.

**Crested Dogtail** (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.). Price, 40c. per lb., \$21.50 per 100 lbs., per bu. \$6.25.

**English, or Perennial Rye Grass** (*Lolium Perenne*). (Pacey's Fancy Short Seeded.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.). Price, 12c. per lb., \$10.00 per 100 lbs., per bu. \$2.60.

**French Rye Grass**, also called Tall Meadow Oats. (*Avena Elatior*). This is extensively used and highly recommended for the Southern States. (Bu., 10 lbs.) 30c. lb., \$20.00 per 100 lbs., bu. \$2.25.

**Fine Leaved Sheep's Fescue** (*Festuca Tenuifolia*). This grass is especially valuable for dry soils; sow 30 lbs. to the acre. (Bu., 14 lbs.) 45c. per lb., \$37.50 per 100 lbs., bu. \$6.00.

**Herd or Red Top Fancy Re-cleaned**. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.). Price, 30c. per lb., \$25.00 per 100 lbs., per bu. \$8.50.

**Herd or Red Top Unhulled** (*Agrostis Vulgaris*). Sow 4 to 5 bu. per acre on lawns or 3 bu. on pasture lands (10 lbs. per bu.). Price, 18c. per lb., \$13.50 per 100 lbs., per bu. \$1.50.

**Hard Fescue** (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc., will resist droughts. Sow 3 bu. per acre (12 lbs. per bu.). 30c. per lb., \$21.00 per 100 lbs., bu. \$3.00.

**Italian Rye** (*Lolium Italicum*). Very desirable for pasture; being an annual, it comes to maturity the first season. Sow 50 lbs. per acre (18 lbs. per bu.). Price, 15c. per lb., \$10.00 per 100 lbs., per bu. \$2.00.

**Meadow Fescue** (*Festuca Pratensis*). Sow 40 to 50 lbs. per acre (22 lbs. per bu.). Price, 40c. per lb., \$32.50 per 100 lbs., per bu. \$7.75.

**Orchard Grass** (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 30c. per lb., \$22.00 per 100 lbs., per bu. \$3.00.

**Red or Creeping Fescue** (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places. (14 lbs. per bu.) Price, 35c. per lb., \$27.50 per 100 lbs., per bu. \$4.00.

**Rhode Island Bent** (*Agrostis Canina*). For sowing at seashore resorts, on putting greens, tennis courts, etc., 40 lbs. per acre (14 lbs. per bu.). 40c. per lb., \$35.00 per 100 lbs., per bu. \$5.25.

**Sheep's Fescue** (*Festuca Ovina*). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 25c. per lb., \$20.00 per 100 lbs., per bu. \$2.75.

**Sweet Vernal Annual**; (*Anthoxanthum Odoratum Puelli*). Sow 3 lbs. per acre with other grasses. Price, 25c. per lb., 5 lbs. \$1.00.

**Sweet Vernal Perennial**; (*Anthoxanthum Odoratum Real*). Price, 60c. per lb., 5 lbs. \$2.75.

**Tall Meadow Oat** (see French Rye Grass).

**Various Leaved Fescue** (*Festuca Heterophylla*). For hayfield and low, moist soils. (15 lbs. per bu.) 35c. per lb., \$30.00 per 100 lbs., bu. \$4.75.

**Timothy** (*Phleum Pratense*). Sow ½ bu. per acre alone. (45 lbs. per bu.). 20c. per lb. Price varies constantly, ask for quotations.

**Wood Meadow** (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (10 lbs. per bu.). Price, 60c. per lb., \$55.00 per 100 lbs., per bu. \$8.00.



# MICHELL'S DISTINCTIVE FLOWER SEEDS

## FOR SUMMER AND EARLY FALL SOWING

For Complete List of Flower Seeds see our General Catalogue for 1912

For the convenience of our customers, and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give the quantity wanted and the number; but care should be taken to give the correct number, as a mistake in this would result in getting the wrong variety.

### ACHILLEA (Milfoil or Yarrow)

- |   | Large Pkt. | Pkt.   |
|---|------------|--------|
| 20 <b>Ptarmica, Fl. Pl., "The Pearl."</b> Tall erect plant bearing pure white double flowers in great profusion all summer; perennial; 2 feet ..... | \$0.30     | \$0.10 |

### ACONITUM (Monk's Hood or Helmet Flower)

Perennial, thriving best in semi-shady situations; flowers in clusters of both blue and white; height, 4 feet; Aug.-Sept.

- |                                | Large Pkt. | Pkt.   |
|--------------------------------|------------|--------|
| 25 <b>Napellus, Blue</b> ..... | \$0.25     | \$0.05 |
| 27 " <b>White</b> .....        | .40        | .05    |

### ADONIS

- |   |     |     |
|---|-----|-----|
| 42 <b>Vernalis (Ox Eye).</b> One of the choicest spring flowering plants, finely cut, ornamental foliage, yellow flowers; perennial; 1 foot ..... | .15 | .05 |
|---|-----|-----|

### AGROSTEMMA

- |   |     |     |
|---|-----|-----|
| 66 <b>Coronaria (Mullein Pink).</b> Stout erect growing perennial with silvery foliage and crimson flowers; 2½ to 3 feet; July and August ..... | .15 | .05 |
|---|-----|-----|

### ALYSSUM

One of the most popular garden flowers; for beds, edgings or rock-work or vases; also useful for winter flowering.

- |  | Large Pkt. | Pkt.   |
|--|------------|--------|
| 71 <b>Little Gem.</b> Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches; oz. 50c. ....                               | \$0.15     | \$0.05 |
| 74 <b>Little Dorritt.</b> Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges; oz. 75c. .... | .20        | .05    |
| 73 <b>Sweet.</b> The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches; oz. 25c. ....                         | .15        | .05    |
| 72 <b>Saxatile Compactum (Basket of Gold).</b> Showy golden yellow flowers; hardy perennial; 1 foot; oz. 50c. ....                                       | .15        | .05    |

### ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. If plants are properly protected during the winter they will revive and throw up gigantic spikes of flowers during the summer.

#### MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length with giant flowers. Used extensively for forcing.

- |  | Large Pkt. | Pkt.   |
|--|------------|--------|
| 113 <b>Giant Pink</b> .....                                | \$0.25     | \$0.10 |
| 114 " <b>Scarlet</b> .....                                 | .25        | .10    |
| 121 " <b>Striped</b> .....                                 | .25        | .10    |
| 115 " <b>White</b> .....                                   | .25        | .10    |
| 116 " <b>Yellow</b> .....                                  | .25        | .10    |
| 117 " <b>Mixed.</b> All colors .....                       | .20        | .10    |
| 125 " <b>Double White</b> .....                            | .25        |        |
| 126 " <b>Venus (New).</b> Shell pink on white ground ..... | .25        |        |
| 122 <b>Tall Mixed.</b> A fine selection; oz. 40c. ....     | .15        | .05    |
| 124 <b>Imported Collection, 10 Tall Varieties.</b> .....   | .40        |        |

#### SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem; very showy.

- |  | Large Pkt. | Pkt.   |
|--|------------|--------|
| 111 <b>Daphne.</b> Carmine pink, white throat. ....        | \$0.40     | \$0.15 |
| 110 <b>Firefly.</b> Bright scarlet .....                   | .20        | .10    |
| 119 <b>Golden Queen.</b> Golden yellow, giant flower. .... | .20        | .10    |
| 120 <b>Queen of the North.</b> Of purest white. ....       | .20        | .10    |

#### DWARF ANTIRRHINUMS

Grow but 12 inches high and are most suitable for edges.

- |  |     |     |
|--|-----|-----|
| 118 <b>Golden Sun.</b> Foliage yellow, flowers rosy white with crimson spots ..... | .40 | .15 |
| 112 <b>Dwarf Mixed.</b> All colors .....   | .20 | .05 |
| 123 <b>Imported Collection, 10 Dwarf Varieties.</b> .....                          | .40 |     |

### ANCHUSA (Sea Bugloss)

- |   | Large Pkt. | Pkt.   |
|---|------------|--------|
| 102 <b>Italica, "Dropmore Variety."</b> A perennial plant, 4 feet high, with rough hairy foliage and long heads of bright blue flowers the whole season ..... | \$0.40     | \$0.15 |

### ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

- |  | Large Pkt. | Pkt.   |
|--|------------|--------|
| 105 <b>Coronaria Mixed.</b> 2 feet; all colors .....   | \$0.20     | \$0.05 |
| 107 <b>St. Brigid, or Poppy.</b> Flowers of large size with distinct rainbow rings in centre ..... | .40        | .15    |



Long Spurred Aquilegias

### AQUILEGIAS OR COLUMBINES

An elegant, graceful, beautiful spring flowering perennial, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

- |  | Large Pkt. | Pkt.    |
|--|------------|---------|
| 139 <b>Long Spurred Hybrids.</b> A great assortment of all varieties possessing long spurs ..... | \$0.40     | \$0.10  |
| 129 <b>Canadensis.</b> Scarlet and yellow .....  | .25        | .05     |
| 130 <b>Chrysantha.</b> Bright golden yellow .....  | .25        | .10     |
| 131 " <b>Alba.</b> Purest white .....  | .30        | .10     |
| 128 <b>Californica Hybrida.</b> All colors, long spurs. ....                                     | .25        | .10     |
| 132 <b>Coerulea (Rocky Mountain Columbine).</b> Large flowers, violet blue and white .....       | .40        | .10     |
| 136 <b>Glandulosa Vera.</b> Lavender and white .....   | .40        | .15     |
| 133 <b>Haylodgensis Delicatissima.</b> Satiny rose .....   | .50        | .20     |
| 137 <b>Nivea Grandiflora.</b> Pure white .....   | .15        | .05     |
| 138 <b>Rose Queen.</b> Pink, white centre .....  | .50        | .20     |
| 134 <b>Single Mixed</b> .....  | oz. 35c.   | .15 .05 |
| 135 <b>Double Mixed</b> .....  | oz. 35c.   | .15 .05 |

### ARABIS (Rock Cress)

- |   |     |     |
|---|-----|-----|
| 144 <b>Alpina.</b> Early spring flowering perennial, especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; May; 6 inches ..... | .20 | .05 |
|---|-----|-----|



**ASPARAGUS**

100 Seeds Pkt.

- 160 **Plumosus Nanus.** An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut.....\$1.00 \$.25
- 162 **Sprengeri.** One of the best plants to grow in hanging baskets, for greenhouse or for outdoors in the summer ..... .50 .10

**ASPERULA (Woodruff)**

Large Pkt. Pkt.

- 165 **Odorata.** Dwarf spring flowers of purest white, thrives in shady situations; perennial; 1 foot; May ..... .20 .05

**PERENNIAL ASTER (Michaelmas Daisy)**

- 328 **Choice Mixed.** The showiest of our late flowering plants and very effective if planted in groups of colors. The bushy plants are surmounted with hundreds of star-like single aster-like flowers ..... .30 .10

**AURICULA (Primula Auricula)**

- 410 **Choice Mixed.** These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 1 foot; May.. .50 .10

**BAPTISIA (False Indigo)**

- 442 **Australis.** A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July ..... .20 .05

**BOLTONIA (False Chamomile)**

- 481 **Latisquama.** A tall, late flowering plant with aster-like flowers of pinkish lavender; perennial; 6 feet; September ..... .30 .10

**BROWALLIA**

Elegant free flowering plants; bloom finely in the winter if sown in August; 18 inches.

Large Pkt. Pkt.

- 500 **Elata Coerulea.** Sky-blue flowers .....\$0.20 \$0.05
- 502 **Speciosa Major.** A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering..... .30 .10

**CALCEOLARIA**

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

Large Pkt. Pkt.

- 515 **Hybrida Grandiflora, Tall Mixed.** Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches .....\$0.75 \$0.25
- 516 **Hybrida Grandiflora, Pumila Compacta.** Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot ..... .75 .25
- 517 **James' Superb Strain.** A robust grower, producing very large and beautiful flowers; 18 ins. 1.25 .50
- 519 **Sutton's Perfection.** Choicest mixed. Original packet ..... .90
- 518 **Rugosa Mixed (Shrubby).** Small flowering varieties for bedding; of the finest colors; 1 foot ..... 1.25 .50

**CALLIOPSIS (Coreopsis)**

One of the finest hardy perennial plants.

- 540 **Lanceolata Grandiflora.** Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer; oz. 50c. .... .15 .10
- 541 **California Sunbeams.** Very large flowers beautifully formed; various shades of yellow and brown ..... .25 .10

**CANDYTUFT (Iberia)**

- 570 **Sempervirens.** Dwarf spring flowering plants ideal for the bulb border, flowers of glistening white; hardy perennial; May; 8 ins. .... .20 .10

**CENTAUREA (Perennial Cornflower)**

Large feathery flowers; splendid for cutting; entire summer.

Large Pkt. Pkt.

- 658 **Pulcherrimus (New).** Delicate pink; 2½ feet.. \$0.30
- 655 **Montana.** Blue; 18 inches .....\$0.30 .10
- 657 " **Alba.** White ..... .30 .10



Canterbury Bell

**CAMPANULAS OR BLUE BELLS**

Large Pkt. Pkt.

- 538 **Carpatica, Blue (Carpathian Hare Bell).** Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.....\$0.15 \$0.05
- 539 **Carpatica, White.** Same as above ..... .15 .05
- 547 **Persicifolia Grandiflora, Blue (Peach Bells).** Stately spikes, 4 feet tall with immense blue bell-shaped flowers ..... .30 .15
- 548 **Persicifolia Grandiflora, White.** Same as above ..... .30 .15
- 549 **Pyramidalis (Chimney Bell Flower).** Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed..... .20 .05

**CAMPANULA MEDIA (Canterbury Bell)**

Large Pkt. Pkt.

- 543 **Single Blue** .....\$0.15 \$0.05
- 544 " **Pink** ..... .15 .05
- 553 " **White** ..... .15 .05
- 550 " **Mixed** ..... .15 .05
- 551 **Double Mixed** ..... .20 .05

**CAMPANULA CALYCANTHEMA (Cup and Saucer)**

Large Pkt. Pkt. Large Pkt. Pkt.

- 545 **White** .....\$0.30 \$0.10 | 586 **Blue** .....\$0.30 \$0.10
- 588 **Pink** ..... .30 .10 | 546 **Mixed** ..... .25 .10



**CARNATION**

	Large Pkt.	Pkt.
600 <b>Early Vienna.</b> Early flowering, double, extra fine; all colors mixed; 1 foot .....	\$0.30	\$0.10
602 <b>Finest German.</b> Double, mixed, selected strain .....	.65	.25
610 <b>Choice Mixed.</b> Double; all colors .....	.50	.10

**Marguerite Carnations**

If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

	Large Pkt.	Pkt.
604 <b>Excelsior.</b> Very large flowering; mixed .....	\$0.40	\$0.15
605 <b>Pink</b> .....	.40	.10
607 <b>Scarlet</b> .....	.40	.10
606 <b>White.</b> Large, perfect flowers .....	.40	.10
608 <b>Yellow.</b> Very fine .....	.50	.10
609 <b>Choice Mixed</b> .....	oz. \$1.00	.25 .10

**CENTROSEMA (Butterfly Pea)**

660 <b>Grandiflora.</b> Hardy perennial vine, inverted pea-shaped flowers, from rosy violet to purple .....	.25	.10
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**CHRYSANTHEMUM (HARDY)**

666 <b>Comtesse de Chambord</b> ( <i>Golden Paris Daisy</i> ). Single, beautiful clear yellow daisy .....	.20	.10
667 <b>Frutescens Grandiflorum</b> ( <i>Paris Daisy or Marguerite</i> ). Single flowers, white with yellow eye .....	.20	.10
671 <b>Shasta Daisy, "Alaska."</b> The finest of all; single white flowers on long stems; 2 feet .....	.65	.20
675 <b>Princess Henry.</b> Immense white flowers, 4 inches across; 18 inches .....	.40	.10
685 <b>Japanese Hybrids</b> ( <i>Autumn Flowering Chrysanthemum</i> ). Large flowers of the finest types; and extra choice mixture; 18 inches .....	.65	.15

**CINERARIA**

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our *Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, and has been awarded numerous first prizes.

	Large Pkt.	Pkt.
691 <b>Grandiflora Prize Dwarf.</b> Mixed colors; plants of dwarf habit .....	\$0.75	\$0.35
693 <b>Grandiflora Prize Medium Tall.</b> Mixed colors; desirable as a decorative plant .....	.75	.35
699 <b>James' Giant Strain.</b> A superb variety; mixed colors .....	1.25	.50
707 <b>Sutton's Superb.</b> Mixed colors. Original pkt. ....		.75
700 <b>Matador.</b> Large bright red flowers .....		.35
695 <b>Hybrida.</b> Choice mixed colors .....	.65	.25
702 <b>Radiata Hybrida.</b> New varieties of the Star Cineraria in a wide range of colors and shades .....	.75	.20
703 <b>Stellata</b> ( <i>Sutton's</i> ). Medium sized star-like flowers. Original pkt. ....		.75
705 <b>Stellata Hybrida.</b> Of graceful and vigorous habit, producing a profusion of elegant flowers .....	1.25	.50

**CLEMATIS**

Hardy perennial climbers; fine for arbors, verandas, etc.

710 <b>Flammula.</b> Feathery-white, fragrant flowers .....	.15	.05
712 <b>Jackman's Large Flowering.</b> Mixed; saved from the finest, large flowering sorts .....	.40	.15
714 <b>Paniculata</b> ( <i>Japanese Virgin's Bowser</i> ). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers .....	.20	.10

**DAISY, ENGLISH DOUBLE (Bellis Perennis)**

These are strictly biennials and seed should be sown from June 1st till September, transplanted in the fall and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches.

	Large Pkt.	Pkt.
856 <b>Monstrosa, Pink.</b> This strain produces the largest and most perfectly double flowers of any .....	\$0.65	\$0.25
858 <b>Monstrosa, White</b> .....	.65	.25
857 " <b>Mixed</b> .....	.65	.25
859 <b>Longfellow.</b> Delicate pink .....	.40	.10
860 <b>Snowball.</b> Purest white .....	.40	.10
861 <b>Double Mixed</b> .....	.40	.10

**DICTAMNUS (Gas Plant)**

925 <b>Fraxinella.</b> Showy bushy plants 2½ feet high, rosy pink flowers; perennial; June and July ...	.15	.05
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*Cyclamen, Michell's Distinctive Giant*

**CYCLAMEN**

Beautiful plants for the window or greenhouse, with mottled leaves and rich colored flowers. Both the strains offered below have gained a reputation for their large size, perfect form and brilliant colors.

**MICHELL'S "DISTINCTIVE" GIANT**

Grown for us in England by a Specialist who has received, numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
790 <b>Duke of Connaught.</b> Crimson .....	\$1.50	\$0.50
792 <b>Excelsior.</b> White with red eye .....	1.50	.50
794 <b>Grandiflora Alba.</b> White .....	1.50	.50
796 <b>Princess of Wales.</b> Pink .....	1.50	.50
798 <b>Salmon Queen.</b> Salmon pink .....	1.50	.50
799 <b>Mixed.</b> All colors .....	1.25	.40
806 <b>Sutton's Giant.</b> Choicest mixed. Per Orig. pkt. ....		1.00

**REGULAR GIGANTEUM STRAIN**

Grown for us by a Specialist in Germany.

780 <b>Giganteum Album.</b> White .....	1.25	.35
782 " <b>Roseum.</b> Pink .....	1.25	.35
784 " <b>Rubrum.</b> Red .....	1.25	.35
786 " <b>White</b> with carmine eye .....	1.25	.35
788 " <b>Mixed.</b> Choicest strain .....	1.00	.25
802 <b>Papilio</b> ( <i>Butterfly</i> ). The edges of the flowers are beautifully fringed, or waved; mixed colors ...	2.00	.40
804 <b>Persicum.</b> Choice mixed .....	Large Pkt. \$0.40	Pkt. .10

**DIANTHUS (Hardy Garden Pinks)**

917 <b>Erfurt.</b> Of dwarf, compact growth; blooms early; very fragrant; mixed colors .....	.65	.15
919 <b>Clove Scented.</b> Double and semi-double varieties, in beautiful colors; fragrant .....	.40	.10
920 <b>Latifolius Atrococcineus</b> ( <i>Everblooming Hybrid Sweet William</i> ). Double, brilliant red .....	.25	.10
921 <b>Pheasant's Eye.</b> Single white; fringed flowers with dark centre .....	oz. \$0.50	.15 .05
923 <b>Double Scotch.</b> Choice colors .....	.40	.15

**DIGITALIS (Foxglove)**

Though considered biennial they can readily be made perennial, by cutting back the flower-spikes immediately after blooming. The large leaves late in fall should be cut back severely, so to harden the plant for winter. Stately spikes, 5 to 7 feet tall; flowers early in June.

	Oz.	Large Pkt.	Pkt.
927 <b>Gloxiniaeflora, Pink</b> .....	\$1.00	\$0.15	\$0.10
928 " <b>Purple</b> .....	1.00	.15	.10
929 " <b>White</b> .....	1.00	.15	.10
930 " <b>Mixed</b> .....	.75	.15	.05
932 <b>Monstrosa</b> ( <i>Mammoth Foxglove</i> ). The tall spikes are surmounted by one monstrous flower all colors mixed .....	¼ oz. 40c.	.30	.10



**DELPHINIUM** (Hardy Larkspur)

Delphinium—Kelway's Giant

Highly prepossessing plants of stately appearance; of easiest culture they are readily the most popular of all hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

878 **Kelway's Giant**. A strain recognized the world over as a prize-winner; 5 to 7 feet. Large pkt. 50c., pkt. 15c.

883 **Hybridum Mixed**. A splendid mixture; 4 feet. Oz. 40c., large pkt. 15c., pkt. 5c.

884 **Amos Perry**. Semi-double; rosy mauve, flushed sky blue. Large pkt. 50c., pkt. 15c.

871 **Belladonna**. Immense spikes of delicate heavenly blue; 5 feet. Large pkt. 65c., pkt. 25c.

885 **Duke of Connaught**. Oxford blue with white eye. Large pkt. 50c., pkt. 15c.

877 **Formosum**. Deep blue; 5 feet. Oz. \$1.25, large pkt. 20c., pkt. 10c.

875 **Chinense Grandiflorum**. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Oz. 50c., large pkt. 15c., pkt. 5c.

874 **Chinense Grandiflorum Album**. Pure white flowers. Oz. 50c., large pkt. 15c., pkt. 5c.

873 **Cashmerianum**. Dark blue; 18 inches. Large pkt. 50c., pkt. 10c.

876 **Elatum** (*Bee Larkspur*). Rich blue; 4 feet. Oz. \$1.00, large pkt. 25c., pkt. 10c. Large Pkt. Pkt.

886 **Mme. Violet Geslin**. Semi-double; clear blue, lavender centre, white eye .....\$0.50 \$0.15

879 **Nudicaule**. Bright scarlet; 18 inches ..... .50 .10

887 **Portia**. Cornflower blue, dark centre ..... .50 .15

888 **Queen Wilhelmina**. Soft lavender blue, flushed with rose, white eye ..... .50 .15

889 **Rembrandt**. Bright sky blue, inner petals rosy lavender ..... .50 .15

881 **Zalil**. Sulphur yellow; 4 feet ..... .50 .10

**EDELWEISS** (*Gnaphalium*)

950 **Leontopodium**. The famous Alpine flower, suitable for rock work, etc.; 6 inches ..... .40 .15

**EUPATORIUM**

975 **Fraseri**. Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet ..... .20 .10

**FERNS**

Very desirable plants for ferneries.

985 **Adiantum** (*Maiden Hair*). Mixed ..... .40 .15

989 **Pteris Varieties**. Mixed ..... .40 .15

991 **Choice Mixed**. Choice collection ..... .40 .15

We can also furnish all other varieties of ferns.

**GAILLARDIA** (*Blanket Flower*)

Compact tufts of silvery gray foliage with slender 2-foot spikes of gorgeously colored daisy-like flowers of immense size; flowers all summer; hardy perennial. Large Pkt. Pkt.

1020 **Grandiflora Compacta**. A compact variety; choice mixed colors; 12 to 15 inches .....\$0.20 \$0.10

1022 **Grandiflora Superba**. Splendid mixed, 2 feet; oz. 50c. .... .15 .10

1021 **Grandiflora Sanguinea**. Blood red flowers; 2 feet ..... .40 .15

1030 **Sulphurea Oculata**. Sulphur yellow, maroon eye ..... .30 .10

1029 **Semi-Double**. Golden yellow tinged maroon... .30 .15

**GENTIANA** (*Blue Gentian*) Large Pkt. Pkt.

1035 **Acaulis**. Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations....\$0.20 \$0.10

**GERBERA** (*Transvaal Daisy*)

Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants or cutting. 100 seeds Pkt.

1049 **Jamesoni Gigantea**. Extra large flowers of brightest scarlet .....\$1.50 \$0.25

1047 **Jamesoni Hybrida** (*New*). All colors in great variation ..... .40

**GOLDEN ROD** (*Solidago Canadensis*)

1065 A well-known hardy perennial; deep golden yellow flowers; 2 feet ..... Large Pkt. Pkt. \$0.15 \$0.05

**GYPSOPHILA** (*Baby's Breath*)

1105 **Paniculata**. Hardy perennial; flowers in graceful sprays of white; 2 feet.....Oz. 40c. .15 .05

1106 **Paniculata**, fl. pl. Double white ..... .30

**HELENIUM** (*Sneeze-Wort*)

1108 **Autumnale Superbum**. Perennial; succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall ..... .30 .10

**HELIOPSIS** (*Orange Sunflower*)

1112 **Pitcheriana**. Hardy perennial; producing an abundance of deep orange yellow flowers the entire summer; excellent for cutting; 3 to 4 feet .....Oz. 50c. .15 .10

**HEUCHERA** (*Alum Root*)

1125 **Sanguinea**. Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot .40 .10

**HIBISCUS** (*Marshmallow*)

Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial. Large Pkt. Pkt.

1130 **Crimson Eye**. Large white flowers with crimson centre; 4 feet .....Oz. 60c. \$0.15 \$0.10

1132 **Golden Bowl**. Giant yellow, maroon centre; 3 feet ..... .20 .10

1134 **Palustris**. Large pink flowers; 3 feet ..... .20 .05

**HOLLYHOCK**

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

**CHATER'S IMPROVED DOUBLE HOLLYHOCK**

Our strain of this is the best that can be procured; seeds saved from the most double flowers. Oz. Large pkt. Pkt.

1149 **Pink** .....\$1.25 \$0.30 \$0.10

1150 **Maroon** ..... 1.25 .30 .10

1151 **Red** ..... 1.25 .30 .10

1153 **Salmon** ..... 1.25 .30 .10

1155 **White** ..... 1.25 .30 .10

1157 **Yellow** ..... 1.25 .30 .10

1159 **Choice Mixed** ..... 1.00 .25 .10

1160 **Single Mixed** ..... 1.00 .15 .10

1161 **Imported Collection**. 6 colors ..... .40

1163 **Imported Collection**. 12 colors ..... .75

1146 **Allegheny**. Semi-double; mammoth flowers, edges fringed and lacinated; mixed; oz. \$1.00 .30 .10

1147 **Double Hybrid Ever-blooming**. Immensely tall plants with big leaves; colors range from white to deep black, yellow, pink, red, purple .50 .15

1148 **Single Hybrid Ever-blooming**. Differ from above only in the flowers being single; oz. \$1.00 .30 .10

**HONESTY** (*Moonwort, Satin Flower*)

1165 Admired for its silvery seed pods, which are used for ornamental purposes; perennial; 2 ft. .15 .05

**INCARVILLEA** (*Hardy Gloxinia*)

1184 **Delavayi**. Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches.. .50 .25

**LATHYRUS LATIFOLIUS**

(*Everlasting or Perennial Pea*)

Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting. Oz. Pkt.

1210 **Crimson**. Brilliant .....\$0.40 \$0.10

1212 **Pink Beauty**. Bright rosy-pink ..... .40 .10

1214 **White** ..... .40 .10

1216 **Choice Mixed**. All colors ..... .30 .05



**LAVENDER** (*Lavendula Vera*) Large Pkt. Pkt.

- 1220 Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches.....\$0.60 \$0.05

**LILY OF THE VALLEY** (*Convallaria Majalis*)

- 1225 Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring .....\$0.25 \$0.10

**LIATRIS** (*Blazing Star or Gay Feather*)

- 1227 *Pycnostachia*. Showy and attractive plants, with long spikes of rosy purple flowers; perennial; July to September; 3 to 4 feet ..... .50 .10

**LOBELIA** (*Cardinal Flower*)

- 1237 *Cardinalis*. Hardy perennial; tall spikes of bright scarlet flowers, very showy; thrives in moist situations ..... .50 .10  
1252 *Illumination* (*New*). Brilliant scarlet..... .25

*Lupinus, Polyphyllus Roseus***LUPINUS** (*Lupin*)

A valuable and showy flower; blooming in six to eight weeks after sowing; valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

- |  |            |             |
|--|------------|-------------|
| 1268 <i>Pink Beauty</i> . Tall spikes of an exquisite shell-pink color ..... | Oz. \$0.50 | Pkt. \$0.10 |
| 1265 <i>Blue</i> .....   | .30        | .05         |
| 1267 <i>Pink</i> .....   | .30        | .05         |
| 1269 <i>Red</i> .....  | .30        | .05         |
| 1271 <i>Scarlet, White Tipped</i> .....                                      | .30        | .05         |
| 1273 <i>White</i> .....  | .30        | .05         |
| 1275 <i>Yellow</i> .....   | .40        | .10         |
| 1277 <i>Mixed</i> . Annual varieties .....                                   | .20        | .05         |

**LUPINUS** (*Perennial Varieties*)

- |   |              |     |
|---|--------------|-----|
| 1278 <i>Polyphyllus Roseus</i> , Pink ..... | .40          | .15 |
| 1280 " <i>Blue</i> .....                    | .20          | .10 |
| 1281 " <i>White</i> .....                   | .20          | .10 |
| 1279 " <i>Mixed</i> .....                   | Oz. 30c. .15 | .05 |

**LYCHNIS**

Perennials of easy culture; most effective in beds or borders.

- |  |                   |             |
|--|-------------------|-------------|
| 1285 <i>Chalcedonica</i> ( <i>Rose Campion</i> ). Fine scarlet cross-like flowers; 2 feet; July .....  | Large Pkt. \$0.15 | Pkt. \$0.05 |
| 1287 <i>Haageana</i> . Brilliant, large, orange, scarlet, pink, or crimson flowers; 1 foot; July ..... | .20               | .10         |

**LYTHRUM** (*Rose Loose-Strife*)

- 1288 *Roseum Superbum*. Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial ..... .15 .10

**MIGNONETTE**

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during winter.

- |  |              |        |
|--|--------------|--------|
|  | Large Pkt.   | Pkt.   |
| 1356 <i>Michell's Colossal</i> . Foliage, stalks and flowers are very robust. The flower-spike often averaging 18 inches; extremely fragrant ..... | \$0.50       | \$0.15 |
| 1354 <i>Hoehl's Giant Flowering</i> . Seed saved from the finest specimen grown under glass; very large and especially suitable for forcing .....  | .65          | .15    |
| 1340 <i>Allen's Defiance</i> . Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant; oz. 60c. ....                           | .20          | .10    |
| 1341 <i>Allen's Defiance Special</i> . Indoor-grown seed, extra choice, in original packets .....  |              | 1.00   |
| 1345 <i>Bismarck</i> . Compact plant of strong growth, stout spikes of large flowers .....   | .30          | .10    |
| 1355 <i>Machet</i> . Large reddish tinted, sweet scented flowers .....   | Oz. 50c. .15 | .10    |
| 1352 <i>Goliath</i> . Giant spikes of brilliant red flowers..  | .30          | .10    |
| 1363 <i>Sutton's Giant</i> . Reddish buff, original pkts...  |              | .25    |
| 1365 <i>Sweet Scented</i> . The popular garden sort; oz. 15c. ....   |              | .05    |
| 1367 <i>Imported Collection, 10 Varieties</i> .....  |              | .50    |

**MONARDA** (*Bee Balm or Bergamot*)

- 1382 *Didyma*. Tall plants crowned with whirls of salvia-like, deep scarlet flowers; very showy and attractive; perennial; 4 feet; July-August .65 .15

*Myosotis (Forget-Me-Not)***MYOSOTIS**

Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation; for spring flowering sow in July and transplant in the fall.

- |   |              |        |
|---|--------------|--------|
|   | Large Pkt.   | Pkt.   |
| 1391 <i>Alpestris Victoria</i> . Of bushy habit; bearing large bright blue flowers; very fine; 6 inches.. | \$0.30       | \$0.10 |
| 1395 <i>Eliza Fanrobert</i> . Large flowering, bright blue  | .20          | .10    |
| 1399 <i>Grandiflora Alba</i> . Large white flowers; 6 in..  | .25          | .10    |
| 1400 <i>Grandiflora Rosea</i> . Large pink flowers; 6 in..  | .25          | .10    |
| 1401 <i>Palustris</i> . The true Forget-Me-Not; bright blue flowers; 6 in. ....                           | .40          | .10    |
| 1405 <i>Royal Blue</i> . Upright grower; blue; 1 foot....   | .40          | .10    |
| 1406 <i>Ruth Fischer</i> . A compact plant with light blue flowers; splendid for pots .....               | .65          | .25    |
| 1407 <i>Choice Mixed</i> . Various shades of blue, rose and white .....                                   | Oz. 60c. .20 | .05    |

**MYOSOTIS** (*Perennial Forget-Me-Not*)

These differ from the biennial by reappearing each year in heavier plants and more numerous flowers; 8 inches; all summer.

- |  |            |        |
|--|------------|--------|
|  | Large Pkt. | Pkt.   |
| 1393 <i>Dissitiflora</i> . Deep green foliage and attractive deep blue flowers .....   | \$0.40     | \$0.10 |
| 1403 <i>Palustris Semperflorens</i> . Dwarf; blooms the entire season; deep blue ..... | .30        | .10    |





Pansy—Michell's Giant Exhibition

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

**MICHELL'S GIANT PANSIES****SEPARATE COLORS**

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

		1/4 Oz.	Large pkt.	Pkt.
1535	Giant Prize Azure Blue. Violet blue...	\$1.00	\$0.50	\$0.15
1537	" " Black Blue. Dark velvety.	1.00	.50	.15
1539	" " Emperor William. Ultramarine blue .....	1.00	.50	.15
1541	" " Hortensia Red. Scarlet...	1.25	.50	.15
1543	" " King of the Blacks. Black	1.00	.50	.15
1545	" " Lord Beaconsfield. Violet.	1.00	.50	.15
1549	" " Peacock. Upper petals blue, lower petals deep claret with white margin .....	2.00	.50	.15
1551	" " Snow Queen. Pure white.	1.00	.50	.15
1553	" " Striped and Mottled .....	1.00	.50	.15
1557	" " White with dark eye .....	1.00	.50	.15
1559	" " Pure Yellow .....	1.00	.50	.15
1561	" " Yellow with dark eye .....	1.00	.50	.15

**SPECIAL OFFER.** We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

**PANSIES—Regular Sorts in Separate Colors**

		Oz.	Large pkt.	Pkt.
1565	Belgian Striped. Showy .....	\$1.50	\$0.30	\$0.10
1567	Emperor William. Ultramarine blue...	1.50	.30	.10
1569	Faust (King of the Blacks). Almost black .....	1.50	.30	.10
1571	Gold Margined. Purple, golden edge ..	1.50	.30	.10
1573	Havana Brown .....	1.50	.30	.10
1575	Lord Beaconsfield. Violet .....	1.50	.30	.10
1577	Mahogany Colored .....	1.50	.30	.10
1579	Silver Edged. Purple, silver edge.....	1.50	.30	.10
1581	Snow Queen. Pure white .....	1.50	.30	.10
1583	White with dark eye .....	1.50	.30	.10
1585	Yellow Gem. Pure yellow .....	1.50	.30	.10
1587	Yellow with dark eye .....	1.50	.30	.10

**SPECIAL OFFER.** We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

**PANSIES IN MIXTURES** Large pkt. Pkt.

1595	Michell's Giant Exhibition. A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz. \$6.00, \$1.00 per 1/4 oz. ....	\$0.65	\$0.25
1608	Triumph of the Giant. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz. \$10.00, \$3.00 per 1/4 oz. ....	.75	.50
1597	Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties..... 1/4 oz. \$1.00	.65	.25
1599	Giant Trimardeau. Very large flowering; all colors mixed .....	1/4 oz. \$0.60	.40 .10
1600	Mad. Perret. Early flowering, fragrant, especially rich in red shades; large flowering. 1/4 oz. \$1.25 .....	.65	.25
1601	Masterpiece. New giant curled.... 1/4 oz. \$1.50	.65	.25
1603	Non Plus Ultra. Beautiful colors... 1/4 oz. 1.50	.65	.25
1605	Odier or Blotched. A beautiful strain. 1/4 oz. \$1.25 .....	.65	.15
1607	Parisian Large Stained. Choicest colors. oz. \$1.25 .....	.50	.15
1609	Finest English Mixed .....	oz. \$1.50	.30 .10
1611	Very Fine Mixed .....	oz. .75	.20 .05
1613	Imported Collection. 6 colors .....		.40
1614	Imported Collection. 12 colors .....		.75

**PAEONY**

1534	Mixed. Of various colors; will bloom the third year from seed; double and semi-double.....	.30	.10
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**PENTSTEMON (Beard-Tongue)**

A beautiful perennial plant producing large spikes of handsome flowers.

		Large Pkt.	Pkt.
1643	Barbatus Torreyi. Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet....	\$0.15	\$0.10
1646	Digitalis. Spikes of white flowers, with purple throat; during July and August .....	.15	.10
1644	Sensation. Plants producing large spikes of Gloxinia-like flowers of the most brilliant and varied colors; 2 feet; requires protection.....	.40	.15
1645	Mixed. Producing large spikes of handsome flowers; 3 feet .....	.15	.05

**HARDY PHLOX**

1725	Decussata. For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring; 1/4 oz. 60c. ....	.30	.10
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**PERENNIAL POPPIES**

1782 Giant Scarlet (*Bracteatum*). Large flowers; 3 ft. (Large pkt., 15c.); pkt., 10c.

1784 Iceland, Single Mixed. Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 ins. (Large pkt., 20c.); pkt., 10c.

1783 Iceland, White. (Large pkt., 20c.); pkt., 10c.

1785 Iceland, Yellow. (Large pkt., 20c.); pkt., 10c.

1786 Iceland, Double Mixed. 1 foot. (Large pkt., 30c.); pkt., 10c.



Iceland Poppies Large pkt. Pkt.

1787	Orientele. Extra large flowers; deep scarlet....	\$0.25	\$0.10
1788	Orientele Hybrids. Beautiful flowers, often measuring 6 inches across, of many colors....	.30	.10
1789	Orientele Parkmanni. Deep crimson flowers of immense size .....	.50	.10
1790	Imported Collection. Perennial poppies, 8 varieties..		.40



**PHYSOSTEGIA (False Dragon Head)**

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

		Large pkt.	Pkt.
1732	Virginica. Pink .....	\$0.20	\$0.10
1733	Alba. White .....	.30	.10

**PLATYCODON (Chinese Bell Flower)**

1735	Grandiflorum, Blue. Hardy perennial; large bell-shaped flowers; blue; 2 to 3 feet.....	.15	.05
1736	Grandiflorum, White .....	.15	.05
1737	Japonicus, fl. pl. Double blue .....	.40	.15



Michell's Prize Chinese Primula

**PRIMULA****FRINGED CHINESE PRIMROSE**

Our strains are unsurpassed and have won many first prizes.

1819 **Michell's Prize Mixture.** This mixture contains only the very finest sorts selected from the best strains; has been awarded numerous

		Large pkt.	Pkt.
	First Prizes .....	\$0.75	\$0.25
1805	Alba Magnifica. White flowers with yellow eye .....	.75	.40
1806	Chiswick Red. Brilliant red .....	.75	.40
1807	Holborn Blue. A beautiful shade .....	.75	.40
1809	Kermesina Splendens. Crimson .....	.75	.40
1811	Rosy Morn. Delicate pink .....	.75	.40
1813	Stellata (Sutton's). Excellent pot plant; mixed. Per original pkt. ....		1.25
1815	Fern Leaved. Choicest mixed colors .....	.75	.25
1825	Imported Collection. 8 varieties .....		.75

**PRIMULA OBCONICA GIGANTEA**

A great improvement over the old type; flowers much larger, and produced in greater abundance.

		Large pkt.	Pkt.
1831	Lilacina. Pale lilac .....	\$0.65	\$0.20
1826	Rosea. Pink .....	.65	.20
1827	Kermesina. Crimson .....	.65	.20
1835	Alba. White .....	.65	.20
1829	Hybrida Mixed .....	.65	.20

**PRIMULA OBCONICA GRANDIFLORA**

1828	Compacta. Dwarf; flowers rosy lilac.....	.65	.25
1830	Fimbriata. Flowers fringed; mixed colors....	.65	.15
1837	Vesuvius. Deep crimson .....	.65	.25
1833	Crispa. Flowers large, curled; color, from apple blossom pink to rose .....		.25

**VARIOUS SORTS**

1845	Primula Kewensis (Verbena Scented Yellow Primrose). Spikes each 12 to 18 inches long; color, soft yellow .....	.65	.40
1839	Buttercup. Yellow flowers; fine for pots.....	.65	.25
1844	Forbesi (Baby Primrose). Small flowers; fine for pots; color, rosy lilac.....	.65	.25
1842	Malacoides. Resembles Primula Forbesi; flowers larger; color, light lilac .....		.25
1840	Cortusoides Sieboldii. Hardy perennial variety; also fine for pots; mixed colors.....	.65	.15
1846	Veris (English Cowslip). Hardy perennial; fragrant; mixed .....	.20	.10
1848	Vulgaris (English Primrose). The common hardy English variety; canary yellow.....	.40	.10

**POLYANTHUS (Primula Elatior)**

Beautiful spring flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

		Large pkt.	Pkt.
1738	Gold Laced. Flowers of brilliant colors, with distinct yellow edge .....	\$0.50	\$0.15
1740	Double Mixed. Beautiful colors .....	.65	.15
1741	English Mixed. The best single .....	.30	.10

**PUERARIA THUNBERGIANA (Kudzu Vine)**

1855	One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms .....	.25	.10
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**PYRETHRUM (Perennial)**

Fine for borders; very desirable for cutting.

1862	Roseum. Flowers bright rose color; July; 2 feet .....	.25	.10
1866	Uliginosum. Large, single white flowers; September; 6 feet .....	.30	.10
1868	Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet .....	.20	.10
1869	Hybridum Double Mixed .....	.65	.25

**RUDBECKIA (Coneflower)**

1902	Newmani. Large yellow flowers with black centre; perennial; 2 feet; all summer .....	.40	.10
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**SALVIA**

1927	Azurea Grandiflora. Perennial; sky blue.....	.30	.10
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Scabiosa Caucasicca

**SCABIOSA**

Handsome perennial border plants flowering the entire season.

		Large pkt.	Pkt.
1950	Caucasica. Soft blue .....	\$0.40	\$0.10
1948	Caucasica Alba. Pure white .....	.50	.10
1965	Japonica. Lavender .....	.50	.15

**SMILAX**

1985	A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing; 10 feet .....	oz. \$0.50	.15 .10
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**MICHELL'S "DISTINCTIVE" STOCKS**

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

**MICHELL'S FLOWER MARKET STOCK**

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	1/2 oz.	Large Pkt.	Pkt.
2053 White	\$1.00	\$0.40	\$0.15
2051 Flesh Color	1.00	.40	.15
2052 Rose	1.00	.40	.15
2050 Light Blue	1.00	.40	.15
2049 Dark Blue	1.00	.40	.15
2048 Blood Red	1.00	.40	.15
2054 Mixed Colors	1.00	.40	.15

**MICHELL'S COLUMN STOCK**

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

	1/2 oz.	Large Pkt.	Pkt.
2027 Blood Red	\$1.00	\$0.40	\$0.15
2028 Pure White	1.00	.40	.15

**MICHELL'S NICE STOCK**

An early flowering strain, producing an abundance of flowers on a single plant; fine for bedding or cutting.

	Large Pkt.	Pkt.
2035 Beauty of Nice. Delicate soft pink	\$0.40	\$0.15
2036 Crimson King. Brilliant fiery crimson	.40	.15
2038 Queen Alexandra. Delicate lavender	.40	.15
2034 Victoria. Pure white	.40	.15
2029 Abundance. Of dwarf, spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose	.40	.25
2041 Mme. Rivoire. Early flowering; pure white		.25
2040 La Brillante. Very early; rich brilliant crimson		.25
2042 Midsummer Night. Deep, dark violet		.25

**LARGE-FLOWERED DWARF TEN-WEEK STOCK**

	1/2 oz.	Large Pkt.	Pkt.
2010 Blood Red	\$0.50	\$0.30	\$0.10
2012 Light Blue	.50	.30	.10
2014 Pink	.50	.30	.10
2016 Purple	.50	.30	.10
2018 White	.50	.30	.10
2020 Yellow	.50	.30	.10
2022 Choice Mixed	.50	.30	.10
2023 Imported Collection. 8 varieties		.50	

**VARIOUS STOCKS**

2025 Wall Flowered Leaved. Glossy deep green foliage with flowers in all shades	\$0.30	\$0.10
2037 Brompton or Winter. Fine for forcing under glass or early summer flowering outdoor	.40	.10
2039 Excelsior. Colossal spikes with giant flowers of purest white; only one spike to a plant. Per original packet		1.00
2043 Princess Alice (Cut-and-Come-Again). Branching plant with double pure white flowers; fine for cutting; 1/2 oz., 50c.	.40	.10
2031 Bismarck. Of pyramidal form with a profusion of fragrant, pure white flowers	.40	.15
2045 White Lady. A new Winter Stock, with large double flowers of a lustrous snowy white		.30

**STOKESIA (Cornflower or Stokes' Aster)**

Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; perennial; July to October.

	Large Pkt.	Pkt.
2055 Cyanea. Light blue	\$0.25	\$0.10
2057 " Alba. Pure white	.30	.10

**SUNFLOWER (Helianthus)**

Showy perennials blooming the whole summer.

	Large Pkt.	Pkt.
2078 Golden Bouquet. Single yellow flowers, 5 feet	\$0.25	\$0.10
2085 Red Perennial. Single purple red flowers, 6 feet	.50	.25

**SWEET ROCKET (Hesperis)**

2300 Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet	\$0.15	\$0.05
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**SWEET WILLIAM (Dianthus Barbatas)**

This is one of the finest of our hardy garden plants; of easy culture; thriving in any good garden soil and lasting for years. The plants grow about 1 1/2 feet high, and form fine clumps; produces fine effects in beds and shrubbery.

	Oz.	Large Pkt.	Pkt.
2306 Single Crimson	\$0.40	\$0.15	\$0.05
2307 " Red with white eye	.40	.15	.05
2308 " Velvety Maroon	.40	.15	.05
2309 " Violet with white eye	.40	.15	.05
2311 " White	.40	.15	.05
2313 Pink Beauty. Fine salmon pink		.40	.15
2310 Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed	.50	.15	.05
2312 Single Mixed. All colors	.30	.15	.05
2314 Double Mixed	1.00	.20	.10

**TRITOMA (Red Hot Poker Plant)**

2345 Uvaria Grandiflora. Large spikes of orange-scarlet flowers; perennial; 3 to 4 feet	.30	.10
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**VALERIANA (Garden Heliotrope)**

Hardy perennial border plants; fragrant flowers; 2 to 3 feet.

	Large Pkt.	Pkt.
2348 Officinalis. Showy, rose pink flowers	\$0.50	\$0.10
2350 Mixed	.15	.05

**VERONICA (Spredwell)**

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

	Large Pkt.	Pkt.
2373 Spicata. Bright blue; 18 inches	\$0.30	\$0.10
2374 Virginica. White; 3 to 5 feet	.30	.10

**VIOLA CORNUTA (Tufted Pansies)**

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies; they require a semi-shady situation, where they can find abundant moisture.

	Large Pkt.	Pkt.
2385 Admiration. Dark blue	\$0.30	\$0.10
2386 Lutea Splendens. Rich, golden yellow	.30	.10
2384 Mauve Queen. Lovely mauve color	.30	.10
2387 Perfection. Light blue	.30	.10
2388 White Perfection. Pure white	.30	.10
2389 G. Wermig. Of the identical color of the "Princess of Wales" violet		.25

**WALLFLOWER**

While these are truly perennials, they are not perfectly hardy, and should be protected in a cold frame and planted out early in spring.

	Large Pkt.	Pkt.
2400 Double Brown	\$0.50	\$0.10
2402 Double Yellow	.50	.10
2404 Double Mixed. All colors	.40	.10
2406 Paris Extra Early. A single variety	.05	.15
2408 Single Mixed. All colors	.30	.15
2410 Imported Collection. 8 double varieties		.50

**MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS**

One packet each of the following varieties for \$1.25.

Aquilegia. Single Mixed.	Heuchera. Sanguinea.
Calliopsis. Lanceolata Grandiflora.	Hollyhock. Chater's Double Mixed.
Campanula. Pyramidalis.	Lobelia. Cardinalis.
Delphinium. Formosum.	Phlox. Decussata. Mixed.
Dianthus. Clove Scented.	Poppy. Orientale.
Digitalis. Gloxiniaeflora.	Pyrethrum. Single, Mixed.
Mixed.	Scabiosa. Caucasica.
Gaillardia. Grandiflora Superba.	Stokesia. Cyanea.
Gypsophila. Paniculata.	Sweet William. Double, Mixed.

**IMPORTED COLLECTIONS HARDY PERENNIAL FLOWER SEEDS**

Collection Containing 12 Distinct Sorts	\$0.40
" " " " " " " " " " " "	.75

**MICHELL'S SUPERB MIXTURE OF PERENNIAL FLOWERS**

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt. 10c., 25c. 1/2 oz., 1 oz. 50c., \$1.50 per 1/4 lb.



# FALL, WINTER AND SPRING FLOWERING BULBS

Easter in 1913 comes on March 23d.

## ALLIUM Neapolitanum Ready in August

Used exclusively for indoor culture in pots and pans. It is especially adapted to forcing and makes an excellent cut flower; color pure white. Height, 12 inches. It is not hardy, so cannot be planted outdoors. Dozen and 100 lots mailed free. Each, 3c.; 20c. per doz.; per 100, \$1.00; \$7.00 per 1000.



White Calla Lily

## CALLA LILY BULBS

Ready in August

Callas require good, rich soil and plenty of warmth and water to make them thrive. The White Calla may also be grown in water. The black variety does not require so much moisture. When through flowering the pots may be laid on their side to allow the tops of bulb to die off. The plant may thus be used another season.

### GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one, its character is exactly like the Aethiopica or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant, and will, we believe, be very popular in a short while. Large blooming size bulbs, 25c. each, doz. \$2.00, \$15.00 per 100.

### CALIFORNIA CALLAS

	Each	By Mail	Doz.	100
White, Monster Size	\$.40	\$0.45	\$4.00	\$30.00
" Mammoth Size	.25	.30	2.50	17.50
" Medium Size	.15	.18	1.50	10.00
" First Size	.10	.12	1.00	7.50

Other varieties of Callas ready in October.



Fischer's Purity Freesia

## FREESIAS (Ready in July)

**Fischer's Purity.** This is the grandest freesia ever offered. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs	\$.04	\$0.40	\$2.75	\$22.50
Mammoth Size Bulbs	.08	.75	4.50	30.00
Monster " "	.10	1.00	5.00	45.00

### Bermuda. Pure White:

First Size	.03	.20	1.00	8.00
Mammoth Size	.04	.30	1.50	10.00
Monster Size	.06	.50	2.00	17.00

**California.** White, with yellow throat, First size bulbs, 2c. each; per doz., 15c.; 75c. per 100; per 1000, \$6.00.

**California.** Mammoth bulbs, 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$10.00.

**California.** Monster bulbs, 5c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$15.00.



**Cow Manure (Shredded).** One sack of this is equal to one cartload of fresh cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. Excellent for mixing with soil when potting bulbs. In 100-lb. sacks only. \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.

Our General Bulb Catalog is ready in September and contains a complete list





Michell's White Roman Hyacinths

**FRENCH ROMAN HYACINTHS***Ready in August*

Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if forced successively. They are very fragrant. The blooms are suitable for most any kind of cut-flower work; they also look very attractive if planted in boxes or pots and used for window decoration. They are not hardy, consequently will not do for outdoor planting.

	Each	Doz.	100	1000
White. First size, 12 to 13 ctm. ....	\$0.04	\$0.40	\$3.00	\$27.50
" Extra Selected, 12 to 15 ctm. .05	.55	3.75	32.50	
" Mammoth, 13 to 15 ctm. .... .06	.60	4.50	40.00	
" Monster, 15 ctm. and over... .07	.75	5.50	50.00	
Light Pink .....	.05	.50	3.25	30.00
Dark Pink .....	.05	.45	3.00	27.50
Dark Blue .....	.05	.45	3.00	27.50
Light Blue .....	.05	.50	3.25	30.00
Italian. White, large spikes, late....	.05	.50	3.00	28.00

If Roman Hyacinths are wanted by mail, please add 10c. per dozen for postage.

*Other Hyacinths are ready in September*

Narcissus French Trumpet Major



Polyanthus Narcissus—Monster Paper White Grandiflora

**POLYANTHUS NARCISSUS***Ready in August*

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. They are not as a general thing hardy, but can be planted outdoors, if afforded liberal protection during winter.

**Paper White Grandiflora, First Size Bulbs.** This is quite a specialty with us; of it alone we import almost one million bulbs. It is a pure white, flowering sort; used extensively for forcing as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

**Paper White Grandiflora, Monster Bulbs.** These are a very choice selection of the above and, while the same in character, the flowers are larger and are borne in greater profusion. 6c. each; per doz., 50c.; \$2.25 per 100; per 1000, \$20.00.

**Double Roman.** White perianth, with an orange and yellow suffused cup; very free flowering and early. 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.00.

**Grand Soliel'd'Or.** Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

**Single Narcissus****FRENCH TRUMPET MAJOR***Ready about August 15th*

A beautiful early flowering yellow variety. These are received by us about August 15th, fully a month earlier than the Dutch Narcissus. They force easily; can be had in flower without any trouble for Christmas. They are extremely desirable and should be planted extensively, as they are earlier than any other trumpet sort. See illustration opposite.

	Each	Doz.	100	1000
Large Bulbs .....	\$0.05	\$0.40	\$2.50	\$20.00
Mammoth Bulbs .....	.06	.50	3.00	25.00

*Other varieties of Narcissus ready in September.*

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates



# MICHELL'S SUPERB EASTER LILY BULBS

Easter Sunday in 1913 comes on March 23d



## LILIUM HARRISII

*Ready in July*

(True Bermuda Easter Lily)

### MICHELL'S SPECIAL BRAND

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circumference	Each	Doz.	100	1000
5 to 7 inches	\$0.10	\$1.00	\$6.50	\$62.50
6 to 7 "	.15	1.50	9.00	85.00
7 to 9 "	.25	2.50	15.00	135.00
9 to 11 "	.50	5.00	27.50	
11 to 13 "	.75	7.50	57.50	

### REGULAR BRAND LILIUM HARRISII

Size in Circumference	Each	Doz.	100	1000
5 to 7 inches	\$0.10	\$0.90	\$5.50	\$50.00
7 to 9 "	.20	1.80	12.50	110.00
9 to 11 "	.40	4.00	25.00	210.00
11 to 13 "	.60	6.00	45.00	

**MONSTER EXHIBITION BULBS OF LILIUM HARRISII,**  
especially suited to private gardeners' needs. \$1.00 each;  
dozen, \$11.00; \$75.00 per 100.

*Hardy Lily Bulbs ready in November*



## JAPANESE EASTER LILIES

### LILIUM FORMOSUM-GIGANTEUM

*Dark Stemmed Type*

### MICHELL'S SPECIAL BRAND (Ready in September)

An improved Japanese Liliun Multiflorum, blooming earlier than the other Japanese sorts; flower pure white.

Size in Circumference	Each	Doz.	100	1000
6 to 8 inches	\$0.15	\$1.50	\$8.00	\$75.00
7 to 9 "	.20	2.25	13.50	120.00
9 to 10 "	.30	3.00	18.00	170.00
10 to 12 "	.50	5.00	35.00	

Monster Bulbs

### LILIUM LONGIFLORUM MULTIFLORUM (Ready in October)

### MICHELL'S SPECIAL BRAND

These must not be compared with lower priced bulbs, as they are distinct selections.

	Each	Doz.	100	1000
6 to 8 inches	\$0.08	\$0.80	\$5.50	\$50.00
7 to 9 "	.12	1.30	9.00	75.00
8 to 10 "	.18	1.75	10.50	95.00
9 to 10 "	.25	2.25	12.00	105.00
10 to 12 "	.35	3.50	20.00	185.00

### LILIUM LONGIFLORUM GIGANTEUM (True)

This variety is now coming into great prominence on account of its mammoth flowers.

	Each	Doz.	100	1000
6 to 8 inches	\$0.10	\$1.00	\$7.00	\$65.00
7 to 9 "	.15	1.60	10.00	90.00
9 to 10 "	.25	2.75	18.00	160.00
Monster Bulbs	.50	5.00	35.00	

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates



**OXALIS** (*Ready in July*)

		Each	Doz.	100	1000
Grand Duchess.	Yellow .....	\$0.03	\$0.25	\$1.50	\$10.00
"	" White .....	.03	.25	1.50	10.00
"	" Pink .....	.03	.25	1.50	10.00
"	" Lavender .....	.03	.25	1.50	10.00
Bermuda Buttercup.	Yellow first size	.03	.25	1.50	12.00
"	" Monster Bulbs.	.05	.50	3.00	25.00

*Other Oxalis Ready in September***Lilium Candidum***(Also called Annunciation, St. Joseph's or Madonna Lily)*

See prices in opposite column.

**Ornithogalum****ORNITHOGALUM ARABICUM****(STAR OF BETHLEHEM)***Ready in August*

A favorite white, spring-flowering bulb; plant in October for outdoor use, or in September for indoor blooming. Large bulbs: Each, 5c.; 40c. per doz.; per 100, \$2.50; \$22.50 per 1000.

**LILIUM CANDIDUM***Ready in August*

A pure white, very fragrant variety, being perfectly hardy. They remain for years after once planted, throwing forth an abundance of bloom during July. Can also be used for forcing.

**South of France Bulbs.**

Extra large: 12c. each; per doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

Mammoth: 15c. each; per doz., \$1.50; \$10.00 per 100; per 1000, \$90.00.

**North of France Bulbs.**

Thick petalled variety. These are a decided improvement on the South of France Bulbs.

Monster Bulbs: 25c. each; doz., \$2.00; \$12.50 per 100.

**LILY OF THE VALLEY****From Cold Storage**

Every gardener at odd times requires for the table decoration this exquisite flower. Our stock is excellent and can be supplied at most any time during the entire year in lots of not less than 100.

**Michell's Russian Brand.** \$1.00 per 100; 500 for \$12.50; \$25.00 per 1000.

**Berlin Brand.** \$2.50 per 100; 250 for \$6.00; \$22.50 per 1000.

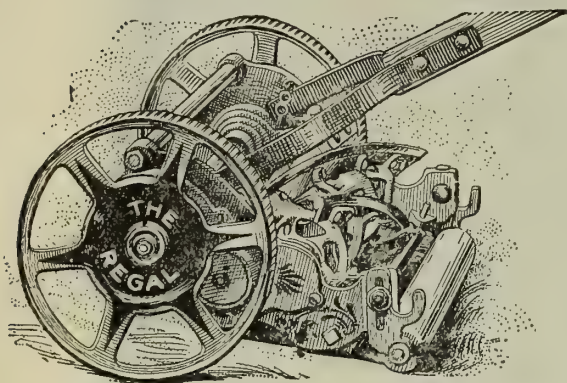
**Bunch of Cold Storage Valley**

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates



# LAWN MOWERS, Etc.

## REGAL BALL BEARING



This machine is made by the Coldwell factory and has been thoroughly tried out by us. We are glad to say that it has made good in every way.

14-in., 5-blade cyl. H.W. \$9.00 | 18-in., 5-blade cyl. H.W. \$11.00  
16-in., " " " " 10.00 | 20-in., " " " " 12.00

We can also supply Penna., Phila., and Coldwell Horse Lawn Mowers, Philadelphia, Penna. Junior and Golf Lawn Mowers.



## BOSS LAWN ROLLERS

This has been a popular seller with us for many years. Its beveled edges are one of its best features, besides its ability to be turned very easily.

No.	In.	In.	Sec.	Lbs.		No.	In.	In.	Sec.	Lbs.	
	Diam.	wide	tions	weight	Price		Diam.	wide	tions	weight	Price
1...	15	15	2	150	\$7.60	8...	20	30	3	350	\$17.25
2...	15	22	3	200	10.00	9...	24	20	2	400	19.50
3...	20	16	2	225	11.25	10...	24	24	2	450	22.00
4...	20	20	2	250	12.50	11...	24	24	3	450	22.00
5...	20	20	1	250	12.50	12...	24	30	3	500	24.50
6...	20	24	3	300	14.75	13...	28	24	2	500	24.50
7...	20	24	2	300	14.75	14...	28	24	3	500	24.50

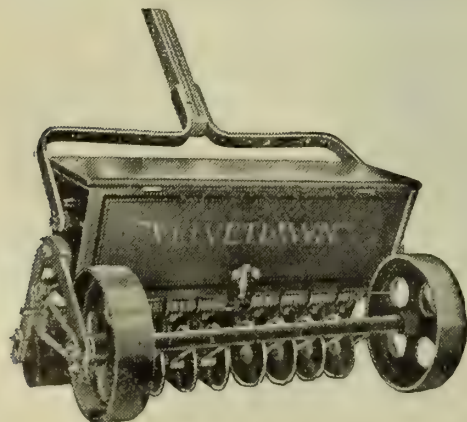
## DUNHAM'S WATER BALLAST ROLLERS

A practical water ballast roller. Made in a heavy sheet steel drum, so constructed that it may be loaded to any weight (up to, as noted below) with either sand or water.

No.	Sec- tions	Diam.	Width	Weight Empty	Weight filled with Water	Weight filled with Sand	Price
6.....	1	24	25	185	560	840	\$13.00
8.....	1	24	32	200	710	1060	14.50
10.....	2	18	24	100	300	500	13.00
12.....	2	24	32	170	650	1000	16.75

We can also supply other sizes of water ballast rollers.

## "VELVETLAWN" SEEDER



An excellent machine for properly sowing grass seed. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick growth of grass. May be used for distributing fertilizers as well. Just the thing for properly sowing grass seed in wornout lawns during the summer time, as the seed will sprout quicker.

Price \$15.00

## GREAT AMERICAN BALL BEARING

10 1/2-inch high wheel. 5-blade cylinder.

15-inch .....	\$9.50	19-inch .....	\$11.50
17-inch .....	10.50	21-inch .....	12.50

## PENNSYLVANIA LAWN MOWERS

Low wheel, 3-inch diameter.		High wheel, 10 1/2-in. diameter.	
10-inch .....	\$6.50	15-inch .....	\$12.00
12-inch .....	7.50	17-inch .....	13.50
14-inch .....	8.50	19-inch .....	15.00
16-inch .....	9.50	21-inch .....	16.50
18-inch .....	10.50		

## CONTINENTAL LAWN MOWERS

High wheel, 9 1/2-inch diameter.		Low wheel, 7 1/4-inch diameter.	
15-inch .....	\$12.00	10-inch .....	\$6.50
17-inch .....	13.50	12-inch .....	7.50
19-inch .....	15.00	14-inch .....	8.50
21-inch .....	16.50	16-inch .....	9.50
		18-inch .....	10.50

## LAWN TRIMMERS

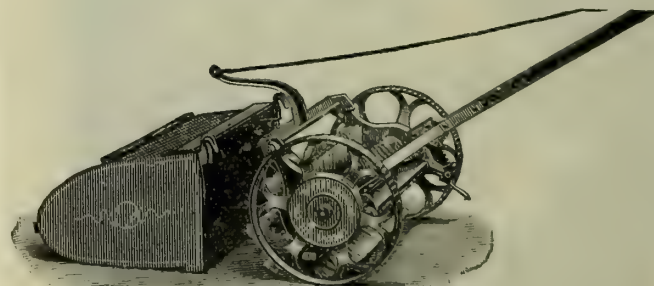
For cutting close to fences, walls or buildings, trimming edges of flower beds and borders.

Penna. Undercut .....	\$7.50
Penna. (Regular style) .....	5.00
Coldwell .....	5.00
Capitol, with edging device .....	6.00



## PENNA. LAWN CLEANER AND RAKE

Cleaning area, 24 inches, Steel rake teeth, flexible teeth bars, excellent for cleaning lawns, greens, tennis courts. Price, \$16.00.



## APOLLO LAWN CLEANERS

For sweeping lawns, paths, golf greens, tennis courts, etc. 28 inches wide, with rubber tires. Price, \$18.00.

## PHILADELPHIA HORSE LAWN SWEEPER

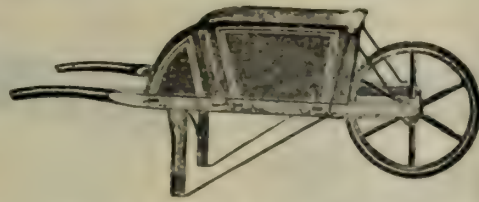
Cleans a 40-inch swath ..... \$80.00

See our Seed Catalog for complete list of Mowers

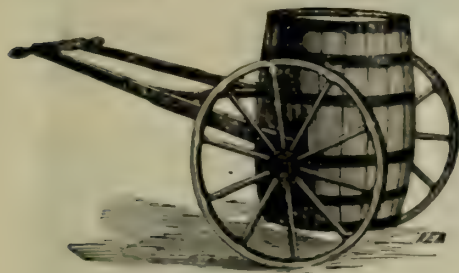


**WHEELBARROWS (FOR FARM AND GARDEN USE)**

The measurements of barrows are understood viz: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.



	No.	Tire In.	Length In.	Depth In.	Width In.	Price
Eastern	4	3	26 1/4	11 1/2	27	\$4.50
"	5	3	28 1/4	11 3/4	27	5.00
Jacobs	2	1 1/4	24 1/2	11	23	3.75
"	3	1 1/2	25 1/2	12	24	4.25
"	4	2	27 1/2	14	26	4.75
Boys	1		21 3/4	9 1/4	20	3.00
Canal—Side dump (bolted)						\$2.50
Greenhouse						5.00

**BARREL TRUCKS**

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack or stone box may be attached.

1 1/2 inch tire truck, all iron wheels, with barrel	\$9.50
2 1/2 " " " " " "	10.25
3 1/2 " " " " " "	11.00

**Extra Equipment for Water Barrel Trucks**

Extra Barrels, with trunnions, open head	\$3.00
" Trucks only, no wheels	3.50
1 1/2 inch wheels only, per pair	4.50
2 1/2 " " " " "	5.25
3 1/2 " " " " "	5.75
Stone Boxes for attaching to the above truck	3.25

**KEYSTONE LEAF RACKS**

This new device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$4.00.

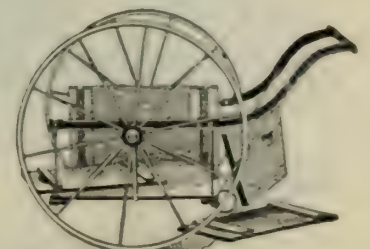
**WOODEN LEAF RACKS**

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck instantly.

Leaf Rack only, no truck	\$5.00
" with 1 1/2 inch truck	11.00
" " 2 1/2 " "	11.75
" " 3 1/2 " "	12.25

**BUTLER HAND CART**

Style No. 1

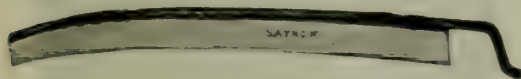


Style No. 2

This cart is a most wonderful addition to the line of implements used on the farm and country estates. The illustrations opposite show but a few purposes to which this cart can be put. The frame and wheels are steel, and will last forever.

No.		No.	
2, 1 1/4-inch tire wheels	\$9.50	1, 1 1/4-inch tire wheels	\$8.00
2, 3 " " "	12.00	1, 3 " " "	10.00

The barrel does not accompany the No. 1 style.

**SCYTHES**

American, Little Giant, 32 inch	\$0.90
" " " 34 "	1.00
" " " 36 "	1.10

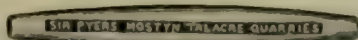
Little Giant Brush or Briar..... 1.00

The Little Giant is the best American-made scythe. It is excellent for field and heavy grass work.

English, 32 in., rivet back, Lawn Style. \$1.25

" 34 " " " "	1.25
" 36 " " " "	1.35
" 38 " " " "	1.35
" 38 " solid " "	1.50

The English Scythes are best for fine grass or lawn work.

**SCYTHE STONES**

	Each	Doz.
Talacre, Imported (English)	\$0.15	\$1.70
Darby Creek	.12	1.25
Carborundum, Very fine quality	.25	2.50



English

Little Giant

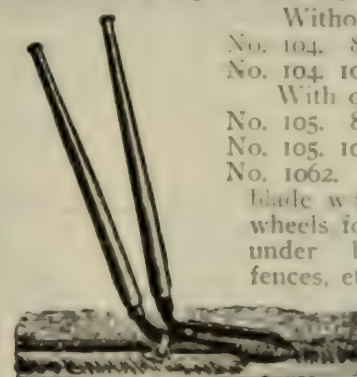
**SICKLES or GRASS HOOKS**

English Rivet Back, No. 3	\$0.60
" " " 2	.50
" " " 1	.50
" Solid " 2	.50
Dutch, small, " 1	.30
" large, " 2	.35
Little Giant	.50
Village Smithy, solid steel	.50

The Little Giant sickle is collapsible, therefore convenient for carrying about.

**LAWN BORDER SHEARS**

Made of finest English steel. They take the place of edging knives, and avoid the necessity of doing much stooping.



Without wheel.	
No. 104, 8 1/2 in.	\$2.00
No. 104, 10 " "	2.50
With one wheel.	
No. 105, 8 1/2 in.	\$2.50
No. 105, 10 " "	3.00
No. 1062, 8 1/2 inch blade with two wheels for cutting under bushes, fences, etc.	2.50



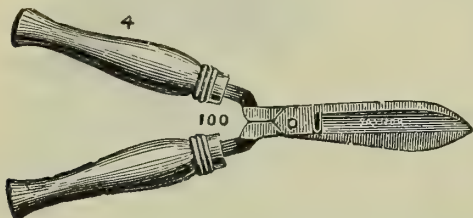
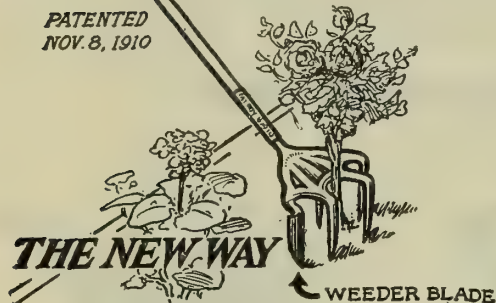
No.	GRASS SHEARS	
3075, 6 inch, English		\$1.00
3075, 7 " "		1.25
360, 6 " "		.75
357, 6 " American		.60
119, 7 1/2 " Saynor Pattern, inside spring		1.50
119, 7 1/2 inch, Saynor		1.75
American		.35
" Long Handled		1.00



# MODERN GARDEN AND LAWN TOOLS

## MEHLER HANDY GARDENER

An entirely distinct tool, avoids bending the back, works closer to the plant than any other device. No hoe is needed where this is used, just the thing for working among flower and vegetable plants. 85c. each.



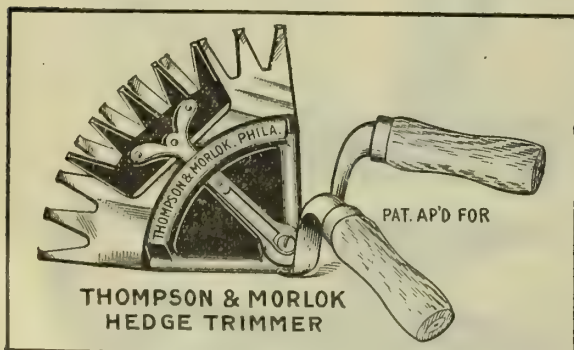
### ENGLISH HEDGE SHEARS

5½ inch, plain (Ladies')	\$1.00
8 " " "	1.50
9 " " "	1.75
10 " " "	2.00
12 " " "	2.50
8 " fly nut	2.00
9 " " "	2.25
10 " " "	2.50

### NEVERSLIP HEDGE SHEARS

These have a saw edge on one blade which prevents them from slipping when cutting.

8 inch	\$1.80
9 " "	2.25
10 " "	2.50



### THE UNIQUE HEDGE TRIMMER

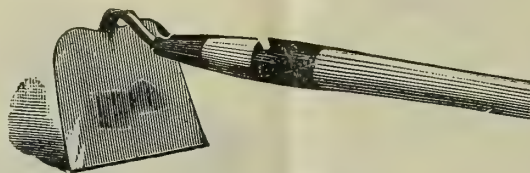
A practical tool for trimming the summer growth of hedge, it works like a charm and leaves the hedge in better shape than you could with any other shear, and does the work in ¼ the time. Guaranteed satisfactory; cuts 16-inch swath; \$5.00.



### HALF MOON HOES

Best steel, solid sockets, which will not pull out.

3-inch	\$0.35
4 " "	.40
5 " "	.45
6 " "	.50
7 " "	.55
8 " "	.60



### SQUARE HOES

6-inch, solid shank	\$0.45
7 " " "	.50
8 " " "	.55



### SCUFFLE HOES

Made of best English steel.

4-inch	\$0.50	7-inch	\$0.70
5-inch	.55	8-inch	.75
6-inch	.65	10-inch	1.00



### THE HILTON HOE

This is the best garden hoe for weeding ever offered. It works both ways and there is no lost motion, does very quick work. 8 inch blade. 70c.

### HOE AND RAKE (COMBINED)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

4-prong	\$0.50
6 " "	.60



### LAWN KING RAKES

Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

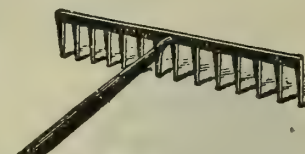
22 tooth	\$0.40	38 tooth	\$0.75
26 tooth	.50	50 tooth	1.00



### STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

5 tooth	\$0.35	12 tooth	\$0.55
6 tooth	.45	14 tooth	.60
8 tooth	.45	16 tooth	.65
10 tooth	.50		



### STEEL GRAVEL RAKES

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

12 tooth	\$0.55	16 tooth	\$0.65
14 tooth	.60	18 tooth	.70
20 tooth	\$0.80		



### STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

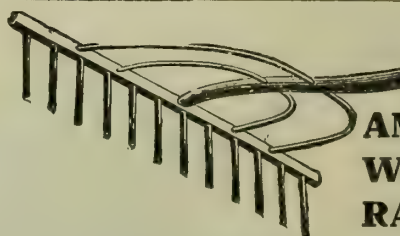
11 tooth	\$0.60	13 tooth	\$0.65
15 tooth	\$0.70		



### GIBBS OR LAWN QUEEN RAKE

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth	\$0.50	36 tooth	\$0.75
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### AMES WOODEN RAKES

14 tooth with wood bows. For hay, etc.	\$0.55
24 " " " " lawns	.70
24 " " steel " " "	.80

### AUTOMATIC LAWN RAKE

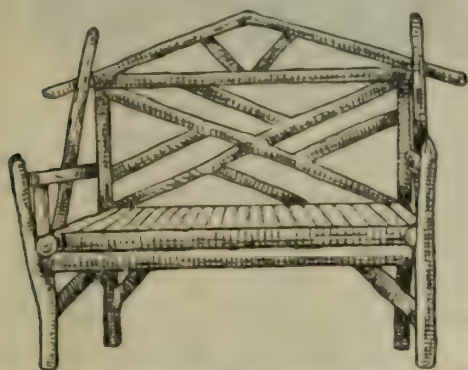
This rake is fitted with an unloading head. While raking this head lies forward, and upon pressing the rake forward the unloading head moves backward cleaning out the raking head entirely.

22 tooth	\$0.60	38 tooth	\$1.00
26 tooth	.70	50 tooth	1.50

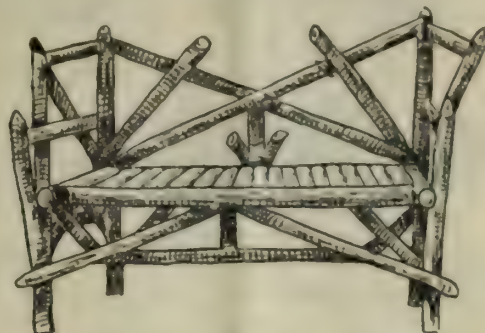


## RUSTIC PORCH AND LAWN FURNITURE, ETC.

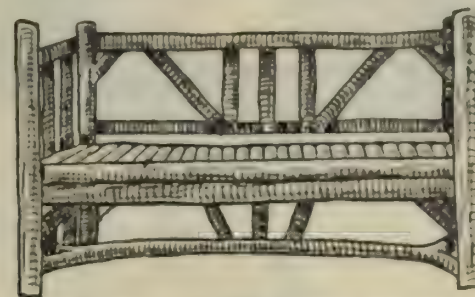
All of our Rustic Work is made by thoroughly experienced men. It is carefully finished, leaving no rough places or nails protruding. A settee or chair placed at intervals on paths will be found a great convenience. The Rustic Work we offer is finished in the natural state with the bark on it, and not varnished.



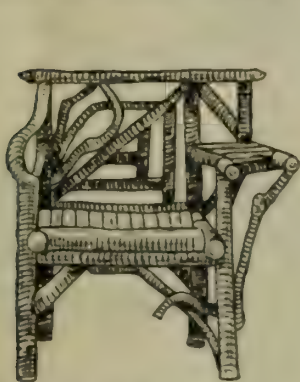
Elwood Cedar Settee, \$3 50 each.



Florida Cedar Settee, \$3.50 each.



Mission Cedar Settee, \$8.00.



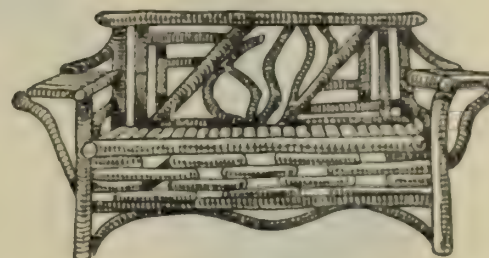
Klondike Chair, \$5.00.



Elwood Chair, \$2.75.

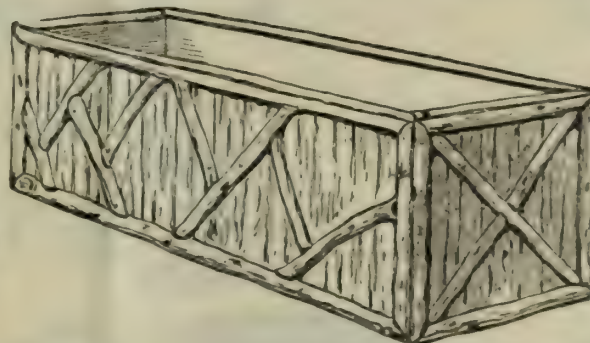


Rustic Table, \$4.25.



Klondike Cedar Settee, \$7.00.

## PORCH AND WINDOW BOXES



Rustic Boxes for Porches and Windows

### Rustic Window Boxes

Length outside	Depth	Width outside	Price
24-in.	7 1/2-in.	11-in.	\$1.40
30 "	7 1/2 "	11 "	1.75
36 "	7 1/2 "	11 "	2.10
Any length made to order, 75c per running foot, 11 in. wide.			

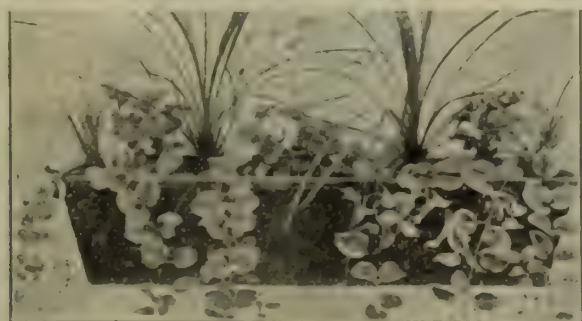
### Green Window Boxes

Length outside	Depth	Width outside	Price
24-in.	6 1/2-in.	8-in.	\$0.80
30 "	6 1/2 "	8 "	1.00
36 "	6 1/2 "	8 "	1.20
Any length made to order, 45c per running foot, 8 in. wide.			

Rustic Bark for covering boxes, columns or any other article. Per sq. ft., 50c; \$1.00 per 25 sq. ft.; 50 sq. ft. and over, @ 3 1/2 c. per sq. ft.

## COLONIAL GARDEN SEATS

Made of wood and finished in a most exclusive manner. stock color is usually a light green, although any color can be had on short notice. Price, \$1.40 per running foot. Any size desired.



## SELF WATERING WINDOW BOXES

These are made of metal, finished bright green; the bottom is equipped with a reservoir which when filled is sufficient to keep the contents of the box watered for two weeks.

No.	Height	Width	Length	Price
No. 1	8"	9 1/2"	23"	\$1.75
No. 5	8"	9 1/2"	31"	2.35
No. 8	8"	9 1/2"	37"	2.75

Also all other sizes.



### IRON GUARDS

For grass corners, flower beds, etc. Iron (see cut) nicely painted green, 75c. each; per doz., \$8.25

### WIRE GUARDS

Made extra heavy and well galvanized. Price, 20c. each; per doz., \$2.00.



### SIGNS

"Keep off the Grass."

40c. each; per doz., \$4.00.

Excellent for putting around grass plots where thoroughfare is not desired. Made of iron, nicely painted

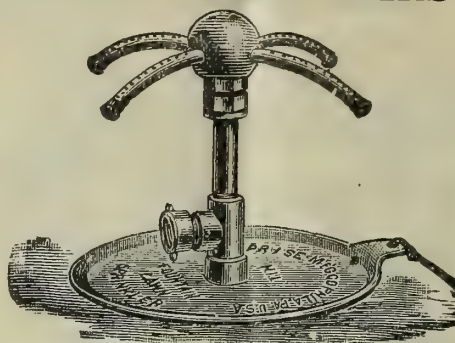
## SPECIAL RUSTIC HOUSES

We are prepared to furnish Rustic Houses to order of all kinds, and will be glad to estimate.

All Prices subject to Market Changes.

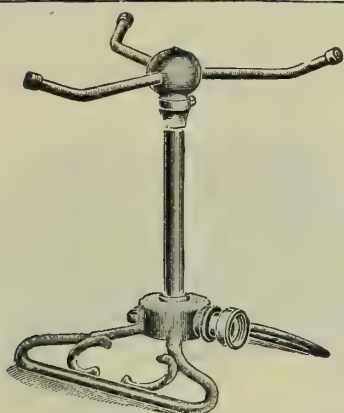


## LAWN SPRINKLERS

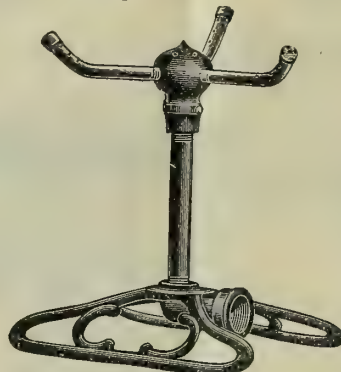


## Enterprise Sprinkler

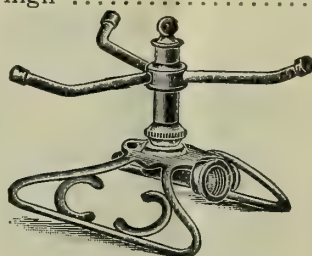
No. 1 (see cut), 8 in. high	.....\$3.75
No. 2 8 in. high	..... 3.00



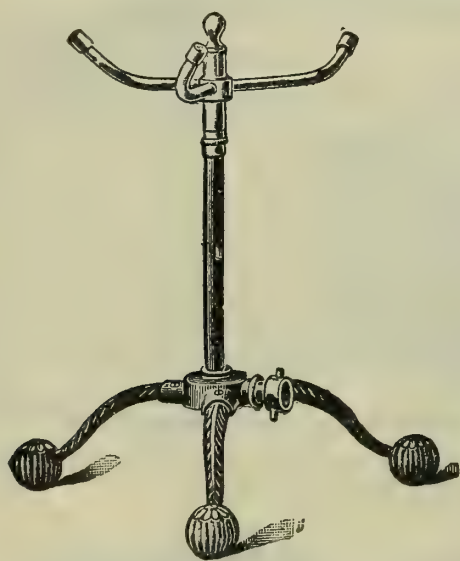
II inches high .....	\$1.25
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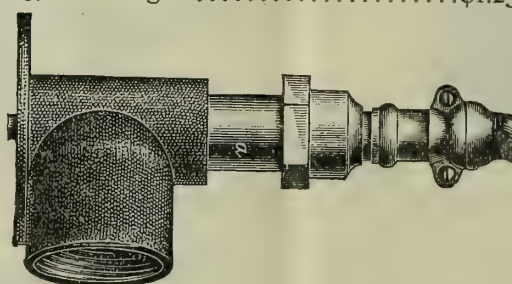
9½ in. high .....\$1.00



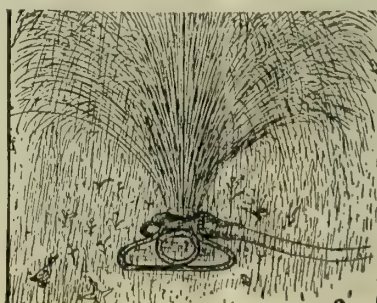
5½ in. high .....\$1.25



24 inches high .....\$1.75

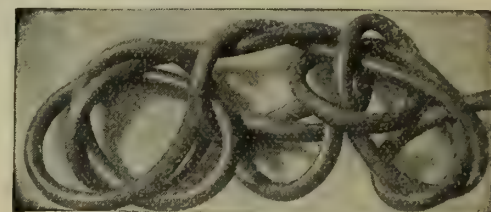


This make is equipped with a pin for sticking into the ground. 8¾ in. ..\$0.50



3½ inches high .....\$0.75

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$2.00



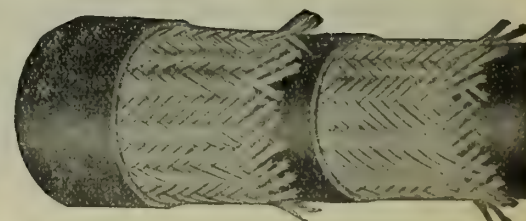
Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

	25 ft.	50 ft.	100 ft.
<b>Metallic</b>			
<b>Wrapped,</b>			
3/4-inch .....	\$6.25	\$12.50	\$25.00
<b>Standard,</b> 3/4-in., 3-ply..	3.25	6.25	12.00
<b>Reliable,</b> 3/4-in., 3-ply...	3.75	7.25	14.00
"        1-in., 3-ply ...	6.00	11.25	22.00
"        3/4-in., 4-ply ..	4.75	8.75	17.00
"        1-in., 4-ply ...	7.50	14.25	27.50
"        1/2-in., 4-ply ..	3.50	6.75	13.00
<b>*Any Length</b> .....	4.50	8.50	16.50
<b>*Chicago Electric,</b> 3/4-in.	4.75	9.25	18.25
<b>*Chicago Electric,</b> 1/2-in.	4.50	8.50	16.50
<b>*Revero,</b> 3/4-in. ....	4.75	9.25	18.00
<b>*Revero,</b> 1/2-in. ....	4.25	8.25	16.00
<b>Bull Dog,</b> 3/4-in., 7-ply..	4.50	8.75	16.50
<b>Spray Pump Hose,</b> 3/8-in., 12c. foot.			

P.S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

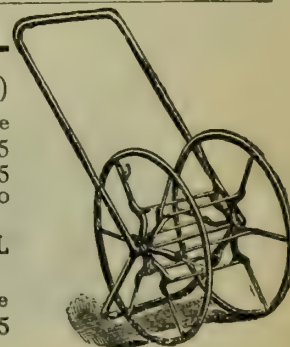
**Hose Washers.** For inside and outside of couplings. 8c. doz.;  $\frac{1}{4}$  lb., 30c.



Showing the interior of Michell's  
"Any Length Hose"

No.	Capacity	Price
10 . .	100 ft. . .	\$2.75
20 . .	150 ft. . .	3.25
30 . .	300 ft. . .	5.00

DUKE HOSE REEL	
(Wood)	
Capacity	Price
75 feet hose . .	\$0.75

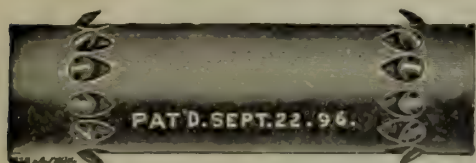


### Wirt's Reel

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 15c.

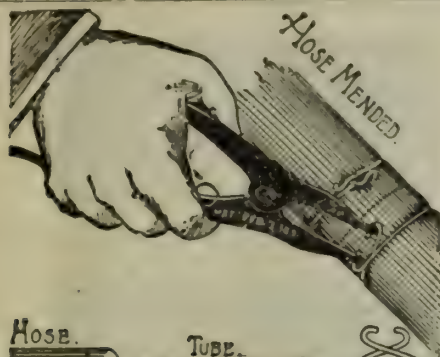






### HOSE MENDERS

	Each	Doz.
Cooper's— $\frac{3}{4}$ -inch	\$0.10	\$1.00
" $\frac{1}{2}$ -inch	.10	1.00
Jones'— $\frac{3}{4}$ -inch (iron)	.05	.50
Hudson's— $\frac{3}{4}$ -inch (brass)	.04	.42
" $\frac{1}{2}$ "	.04	.42



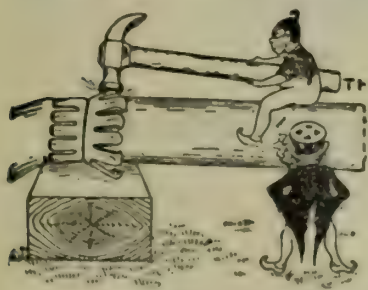
### HOSE MENDING OUTFIT

(For  $\frac{3}{4}$ -inch Hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands.

Price: Each, 65c.; by mail, 75c.

### THE PERFECT HOSE MENDER



Made entirely of brass, with swivel motion—no band required.

For  $\frac{3}{4}$  inch hose, 10c each; doz. \$1.00.



Caldwell Band applied to Hose

### HOSE BANDS

For fastening couplings and menders in hose.

No.	CALDWELL'S	Doz.	100
8—For 3-ply hose	\$0.18	\$1.00	
6—For 4-ply hose	.18	1.00	

HUDSON'S

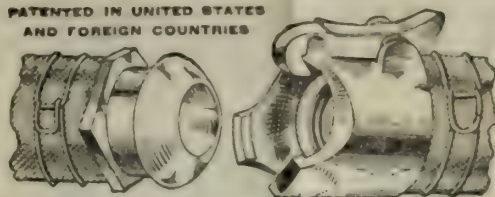
See illustration in Hudson Hose Mender Outfit cut.

$\frac{3}{4}$ -inch	\$0.18	\$1.00
1-inch	.20	1.25

SURE GRIP

$\frac{3}{4}$ -inch, 5c. each; per doz., 50c.

PATENTED IN UNITED STATES  
AND FOREIGN COUNTRIES



### SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. per pair; doz. pairs, \$2.75.

### SNAP COUPLING PARTS

No. 2—Male (see left hand illustration above). 8c. each; per doz., 85c.  
No. 1—Female (see right hand illustration above). 17c. each; per doz., \$1.90.



### BRASS HOSE COUPLINGS

	Per pair	Doz pairs
$\frac{3}{4}$ -inch	\$0.15	\$1.60
1 " "	.35	4.00

### HOSE REDUCERS

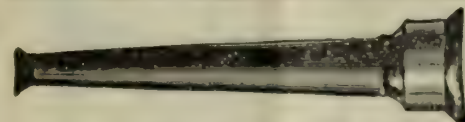
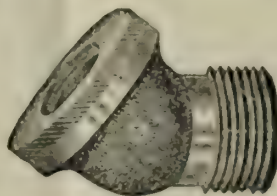


For reducing 1-in. pipe to fit regular  $\frac{3}{4}$ -in. hose. All brass. Each .....40c.

### Royal Hydrant Attachment

To be used for attaching hose to smooth faucets.

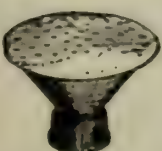
Price, 30c.



### PLAIN STREAM NOZZLES

For  $\frac{3}{4}$ -inch hose, each ...25c., 30c., 35c.

### BOSTON SPRAY NOZZLE



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine,  $\frac{3}{4}$ -inch.

Light Copper	\$0.60
Heavy Brass	1.00

### BOSS HOSE NOZZLES

For  $\frac{3}{4}$ -inch hose. Price, 45c. each.



### GEM HOSE NOZZLE



$\frac{3}{4}$ -inch hose. Can be regulated to give three different streams. Price, 35c.

### PLIERS FOR HOSE BANDS

Caldwell .....25c. | Hudson .....25c.



Vermorel Nozzle



### SPRAY NOZZLES

Vermorel and Bordeaux, each, 75c.; paid, 80c.

The above are fitted for regular  $\frac{3}{4}$ -inch couplings. For  $\frac{3}{4}$ -inch attachments, add 25c. to the above price



### GALVANIZED WATER CANS

Fine for cemetery purposes and other places where a can is desired to last several seasons.

4 quart	Each, \$0.35
6 "	.45
8 "	.55
10 "	.60
12 "	.70
16 "	1.00
20 "	1.25

### LIGHT TIN WATER CANS

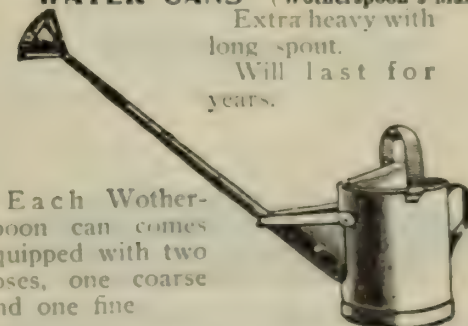
1 quart, painted green	Each, \$0.21
2 " " "	.30
4 " " "	.35

### ENGLISH WATERING CANS

No. 2, 4 qt. ...	\$2.00	No. 3, 6 qt. ...	\$2.25
No. 4, 8 qt. ...	2.50	No. 5, 10 qt. ...	2.75

### WATER CANS (Wotherspoon's Make)

Extra heavy with long spout. Will last for years.



Each Wotherspoon can comes equipped with two roses, one coarse and one fine

	Round	Over
2 quart (equipped with one rose only)	\$1.15	
4 " "	1.60	
6 " "	1.85	\$2.10
8 " "	2.00	2.35
10 " "	2.25	2.60
12 " "	2.60	2.85
16 " "	3.15	3.50
12 qt. Manure Watering Can	\$2.75	
4 qt. Fern or Low Watering Can	1.50	

### EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 35c. each.



# SUMMER GARDENING NEEDS, Etc.

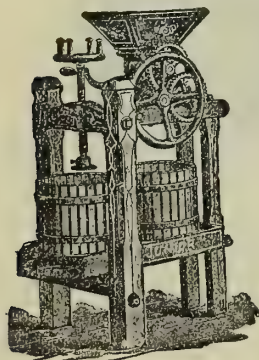


## BAGS FOR PROTECTING GRAPES

If put on during the period when grapes are forming, they will save many times their cost in the amount of fruit they will save from insects, rot, etc. All ready with wire to fasten.

If desired by mail please add to the prices below as noted.

	100	100 by mail	1000
2 lb. size	\$0.30	\$0.50	\$2.50
3 lb. size	.35	.55	3.00
4 lb. size	.40	.65	3.50

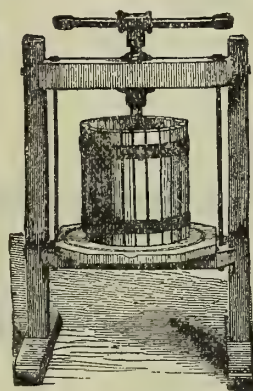


Cider Mill

## WINE PRESSES

Made of best quality wood, carefully bolted and finished.

No. 1	\$4.00
No. 2	5.00
No. 2½	5.75
No. 3	6.25



Wine Press

## GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

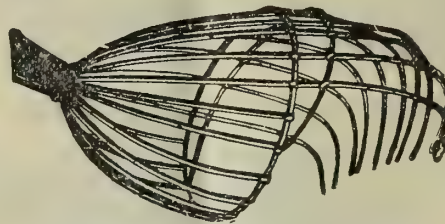
Price ..... \$3.00



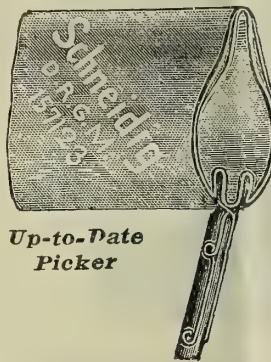
## SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

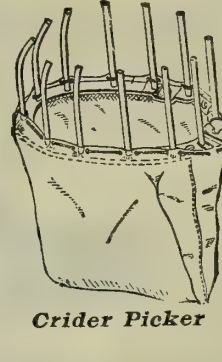
	Light	Medium	Heavy
	Yd. Pc.	Yd. Pc.	Yd. Pc.
Green (Mildev Proof)	not made	12c. \$6.60	18c. \$6.40
Brown	6c. \$3.30	10c. 5.40	14c. 5.20
Yds. per Piece.	60	60	40



The Boss Wire Fruit Picker



Up-to-Date Picker



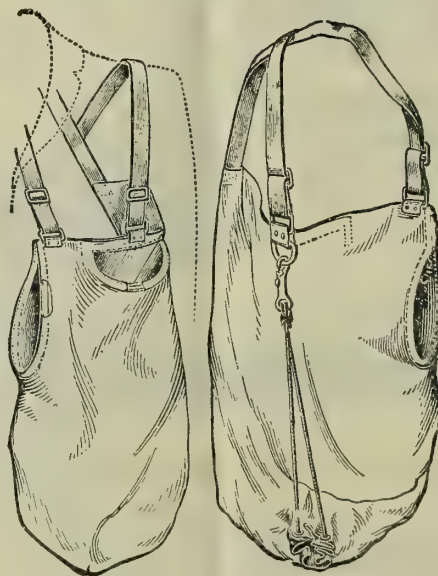
Crider Picker

## FRUIT PICKERS

Boss	each, \$0.35
Up-to-Date	.25
Crider's	.50

## POLES FOR FRUIT PICKERS

12 feet long, 1¼ in. diam., 45c.



Front

Back

## IDEAL FRUIT PICKING BAG

Made of heavy weight duck and so arranged as to equalize the load on both shoulders.

The openings are arranged so both hands can be used in picking, and the draw string is arranged so the fruit can be let out at the bottom in emptying the bag.

The bag can be let down to the bottom of the barrel before opening the draw string, thus not bruising the fruit.

Price ..... \$1.00

## MARATHON

### BALL BEARING GRINDER

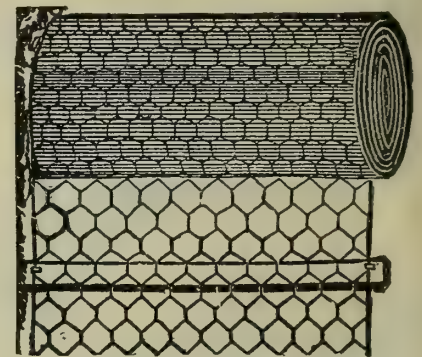
No. 1	\$4.50	No. 3	\$6.50
No. 2	5.50	No. 4	7.50

Foot treadle for any of the above sizes, \$1.50 extra.

## OAK BASKETS



For gathering leaves, vegetables, fruits, rubbish, etc.  
 1 Bushel (see cut) 75c.  
 ½ " " 45c.  
 ½ " handled 50c.  
 English Gathering Basket with handle ..... 60c.



## GALVANIZED WIRE NETTING

2-inch Mesh, No. 19 Wire  
 150 Running Feet per Bale

High	Price	High	Price
12 in.	\$0.90	42 in.	\$2.85
18 in.	1.25	48 in.	3.15
24 in.	1.65	60 in.	4.00
30 in.	2.00	72 in.	4.50
36 in.	2.40		

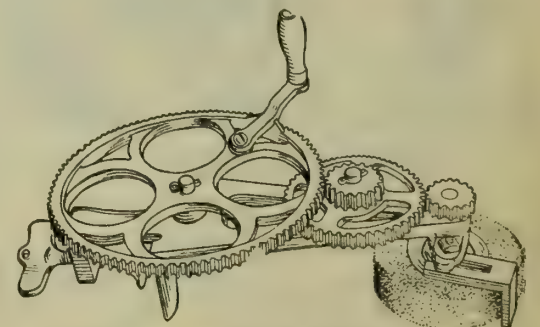
1-inch Mesh, No. 20 Wire

High	Price	High	Price
12 in.	\$1.80	42 in.	\$5.50
18 in.	2.60	48 in.	6.50
24 in.	3.40	60 in.	8.00
30 in.	4.20	72 in.	9.50
36 in.	5.00		

## PITTSBURG PERFECT FENCING

The most substantial fencing. The joints being welded by electricity, make it exceedingly attractive. It is thoroughly galvanized, extra well made and is the up-to-date fencing for gardens, fields, poultry yards, etc. Price for regular style, with top and bottom strands of No. 11 wire; centre of No. 14 wire, in bale lots only, of 165 running feet.

	Per Bale		Per Bale
24 in. high	\$2.80	52 in. high	\$4.25
36 in. high	3.75	58 in. high	4.50
46 in. high	4.00		



## THE CANTON GRINDER

A handy device for sharpening small tools of all kinds. Made to clamp on a bench or table. Equipped with a carborundum wheel. Price, \$2.00.





### WHELOCK WIRE FENCING

For putting around flower beds, etc. Any length desired up to 150 running ft.  
16 in. Less than 150 ft. roll, 12c. ft.  
16 in. In Roll Lots, 150 ft., 10c. ft.  
22 in. Less than 150 ft. roll, 14c. ft.  
22 in. In roll lots, 150 ft., 12c. ft.

### WHELOCK WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 150 running feet.

13 in. wide. Less than 150 ft. rolls, 12c. per ft.

13 in. wide, in roll lots, 150 ft., 10c. per ft.

19 in. wide, less than 150 ft. rolls, 14c. per ft.

19 in. wide, in roll lots, 150 ft., 12c. per ft.



Wheelock Trellis

### WIRE TRELLIS

12 inch high	.....\$0.20
18 inch high	..... .30
24 inch high	..... .40
30 inch high	..... .65
36 inch high	..... .75
42 inch high	..... 1.10
48 inch high	..... 1.30
60 inch high	..... 1.75
72 inch high	..... 2.25



### FAN TRELLIS

Made of wood, painted green.

18 inch	.....\$0.15	36 inch	.....\$0.40
24 inch	..... .25	42 inch	..... .50
30 inch	..... .35	48 inch	..... .60



### WIRE TRELLIS (Made to Order)

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 25c. per sq. ft.



### WIRE TREE GUARD

Carefully galvanized, thoroughly made, 8 inches diameter. \$1.25 each; per doz., \$13.50.

### No. 4 IRON TREE GUARD

12 in. diameter, 6 ft. high. Price, \$2.50 each; per doz., \$25.00.



### GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of extra heavy galvanized diamond mesh wire with strong frames to prevent sagging.

Price, 25c. per square foot.



### VERANDA TRELLIS

Made of wood and painted green.

2 feet	.....\$0.30	6 feet, heavy.	\$0.95
3 feet	..... .40	8 feet, heavy.	1.15
4 feet	..... .50	10 feet, heavy.	1.60
5 feet, heavy.	.75	12 feet, heavy.	1.85

Larger sizes to order.



### IVY TRELLIS

Made of wood, painted green.

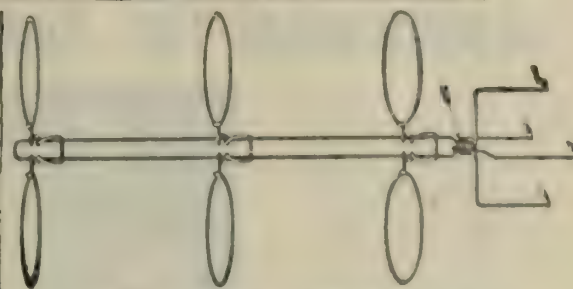
16 in. diam.,	40c.
20 in. diam.,	50c.
24 in. diam.,	65c.



### OVAL TRELLIS

Made of wood, painted green.

24 inch	.....25c.
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Müller Carnation Support

### MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$4.50 per 100; per 1000, \$42.00.

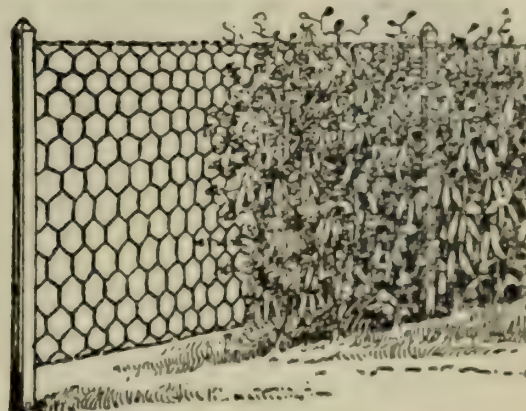
### RICHMOND CARNATION SUPPORT

This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory.

	Per Doz.	100	1000
No. 11. 29 in., 3 ring			
double (see cut) ....	\$0.65	\$4.50	\$42.50
No. 11. 29 in., 3 ring			
Single .....	.50	3.50	32.00

### "MODEL" CARNATION SUPPORTS

	Per Doz.	100	1000
2 Ring .....	\$0.45	\$3.00	\$27.50
3 Ring .....	.55	3.50	32.50



### WIRE PEA TRELLIS

This does away with brush, twine, etc., and avoids the necessity of peas lying on the ground and wasting; excellent for either garden or sweet peas. It is 48 inches high and in 10 foot sections, with 3 suitable 5 foot stakes for fastening in the ground; can be put away and used year after year. \$1.00 per section; 10 sections for \$8.50.



### TOMATO OR PAEONY SUPPORT

Made of heavy galvanized wire which will not rust. Can be raised and lowered at will.

Price, 20c. each; per doz., \$2.00; \$14.00 per 100.

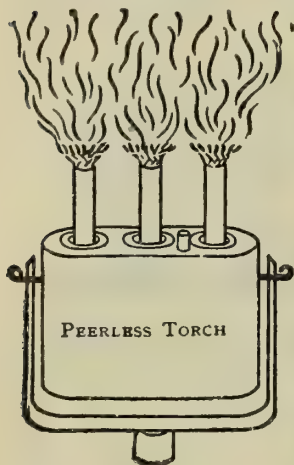
### Müller Tomato Support

30c. each, doz. \$3.25, \$23.50 per 100.

Model Tomato Support



# Apparatus for Applying Insect Destroying Preparations



PEERLESS TORCH



Asbestos Torch



Reservoir Torch

## OIL TORCHES

For burning out worms, caterpillars and nests that infest trees.

Peerless .....\$0.50  
Reservoir ..... .25  
Asbestos ..... .35

## THE AUTO SPRAY



Auto Spray

The Auto Spray is now used by all the large fruit growers for spraying. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

Price, Galvanized iron, \$4.50; Brass, \$6.75.

### Auto Pop Attachment

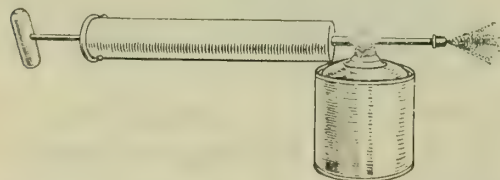
Controls the flow instantly by a pressure of the hand. When purchased with the machine (omitting other nozzle), \$1.00

extra; when purchased separately, \$1.35.

## EXTENSION PIPES, Etc.

For reaching into trees  $\frac{3}{8}$  in. threads.

Bamboo, with brass tube 8 ft.....\$2.00  
" " " " 10 ft..... 2.50  
Galv. Iron, 2 ft. .... .30  
Brass, 2 ft. .... .45  
Pet Cock, for extension pipes ..... .40  
Strainers (Copper) ..... 1.00



## AUTOMATIC COMPRESSED AIR SPRAYER

This is the best hand sprayer ever sold, very easily operated, especially desirable for ladies' use.

Tin .....each, \$1.00 | Brass ...each, \$2.00

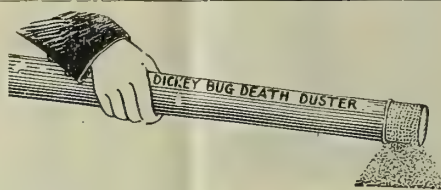
## REGULAR HAND SPRAYER

Tin .....each, \$0.50 | Brass ...each, \$1.00

## PARIS GREEN SHAKERS

Tin. For dusting vegetables, potatoes, small fruits and shrubbery, 50c. each.

Farmer's Favorite. (See cut.) Large double-action affair, \$1.25 each.



## DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc.

Price, 25c.; by mail, 35c.

## CHAMPION GUN

This machine will distribute dry insecticides, covering one or two rows at one time. Will save its price in material used in one season.

Price, \$8.00.



THE BROWNIE DUSTER

## BROWNIE GUN

This machine is especially intended for distributing Paris Green, London Purple, etc. Price, \$4.00.



## WOODASON HAND BELLOWS

Large double cone, each .....\$3.00  
Large single cone, each ..... 2.00  
Small single cone, each ..... 1.10  
Liquid spraying, each....small, \$1.50;  
large ..... 2.00  
Sulphur Bellows, each ..... 1.50

## JUMBO POWDER GUN



Very useful in the dwelling or for other places. Distributes dry powder very satisfactorily. Price, 20c.



## PARAGON SPRAYERS

No. 1.—Equipped with 5-ft. hose, 2— $2\frac{1}{2}$  ft. extension pipes and two nozzles, with a 5-gal. reservoir .....\$10.00  
No. 3.—Equipped with a 12-gal. tank mounted on a truck, 3— $2\frac{1}{2}$ -ft. extension pipes, 2 nozzles and 10 feet hose..... 15.00



## BUCKET PUMPS

Made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and  $3\frac{1}{2}$  feet of  $\frac{3}{8}$  in. hose.

Success (see cut) .....\$4.15  
Perfect Success (with bucket fastener) 4.75  
Myers ..... 3.00



## BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

A—I stream and spray rose, 12 inches, \$2.00  
B—I " " " " 13 " 3.00  
C—I " " " " 14 " 3.25  
5—I " " " " 18 " 5.50  
H—18 in. long,  $1\frac{1}{2}$  in. diam. .... 2.50  
Lewis (Sheet brass) Capacity 1 qt. . 1.75

## BARREL SPRAY PUMPS

Deming, Fig. 550.

Plain, no hose or nozzle .....\$7.50  
With  $12\frac{1}{2}$  ft.  $\frac{1}{2}$ -in. hose and nozzle..10.00  
With two  $12\frac{1}{2}$ -ft. leads of hose, two nozzles .....12.50

Deming Century

Plain pump, no barrel or hose.....\$10.50  
Price, complete with  $12\frac{1}{2}$ -foot hose and nozzle, no barrel ..... 13.00  
Price, with two  $12\frac{1}{2}$ -foot leads, hose and nozzles, no barrel ..... 15.00  
Barrels, with trunnions ready to mount on truck, with cut head. \$3.25.



# SEASONABLE INSECT DESTROYING PREPARATIONS

- Ant Exterminator.** For distributing on the greenhouse benches, on lawns and gardens. Per  $\frac{1}{4}$  lb., 20c.; per  $\frac{1}{2}$  lb., 40c.; 75c. per lb.
- Aphine.** For destroying aphis, green fly, thrip and red spider. 40c. per  $\frac{1}{2}$  pt.; pt., 65c.; \$1.00 per qt.; per gal., \$2.50.
- Aphis Punk.** Used for fumigating, giving off dense fumes of nicotine. Excellent for aphis, thrip, white and green fly. Per pkg., 60c.; \$6.50 per 12 pkgs.
- Arsenate of Lead (Paste).** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds. Per lb., 25c.; 90c. per 5 lbs.; per 10 lbs., \$1.60; \$3.75 for 25 lbs.; \$6.00 per 50 lbs.; per 100 lbs., \$10.00.
- Bordeaux (Paste or Pulp).** One part dilutes to 50 parts of water. Per qt., 40c.; \$1.00 per gal.; 5 gals., \$4.50.
- Quick Bordeaux** (in dry form). 6-lb. sack makes 30 gals. liquid, price 60c.; 10-lb. sack makes 50 gals. liquid, price 90c.
- Bug Death.** Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. Per lb., 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per 12 $\frac{1}{2}$  lbs., \$1.00; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)
- Cow Ease.** Excellent for keeping flies and gnats off domestic animals. Per qt., 35c.; \$1.00 per gal.; per 5 gals., \$4.00.
- Copper Solution.** Excellent for carnation rust and diseases of the grape, pear, apple, and other fruits. Qt., 60c.; \$1.75 per gallon.
- Dalmation or Persian Powder.** For ridding buildings of all kinds of various insect pests. 15c. per  $\frac{1}{4}$  lb.; per lb., 45c.; \$2.00 per 5 lbs.
- Disparene (Bowker's).** A trade name for a brand of Arsenate of Lead, which it resembles in every way. Dilute 1 lb. to 25 gals. water. Price, 25c. per lb.; 5 lbs., 90c.; \$1.60 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; \$10.75 per 100 lbs.
- Fir Tree Oil.** Used for destroying mealy bug, red spider, and mild forms of scale. Per  $\frac{1}{2}$  pt., 50c.; 75c. per pint; per qt., \$1.50; \$2.75 per  $\frac{1}{2}$  gal.; per gal., \$5.00.
- Fir Tree Oil Soap.** Dissolved according to directions in warm or hot water and used as a spray or wash. Per  $\frac{1}{2}$  lb., 25c.; 75c. per 2-lb. can.
- Fungine.** Excellent for fungous diseases. Qt., 75c.; \$2.00 gal.
- Grape Dust.** For mildew, aphis, black fly, and other insects and fungous diseases. Per 5 lbs., 35c.; 60c. per 10 lbs.; per 25 lbs., \$1.50; \$5.00 per 100 lbs.
- Hellebore.** For destroying rose bugs, currant worms, and other soft-shelled insects. Per  $\frac{1}{4}$  lb., 10c.; 15c. per  $\frac{1}{2}$  lb.; per lb., 25c.; \$1.00 per 5 lbs.; per 10 lbs., \$1.85.
- Kerosene Emulsion.** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind. PASTE: Per lb., 20c.; per 5-lb. can, 75c.; per 25-lb. can, \$3.00. LIQUID: Per qt., 40c.; per gal., \$1.00.
- Kil-o-Scale.** Destroys and prevents the spread of scale insects of all kinds. Per pt., 30c.; 50c. per qt.; per  $\frac{1}{2}$  gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; 25 gals., \$21.25; 50 gals., \$42.50.
- Kil-Worm.** Excellent for using on lawns and other places infested by worms. Do not use Kil-Worm directly on other growing plants, in any way, as it is very strong. Per qt., 65c.; \$1.25 per  $\frac{1}{2}$  gal.; per gal., \$2.00; \$9.00 per 5 gals.
- Lemon Oil.** The best and cheapest insecticide in the market; used by nearly all the leading growers. Effectually destroys mealy bug, scale, thrip and red spider. Per  $\frac{1}{2}$  pt., 25c.; 40c. per pt.; qt., 75c.; \$1.25 per  $\frac{1}{2}$  gal.; gal., \$2.00; \$9.00 per 5-gal. kegs, 10-gal. kegs, \$17.50.
- Lime Sulphur.** For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. 1 gal. can, 75c.; \$2.25 per 5 gal. can; 10 gal. can, \$3.75; \$6.50 per 30 gal. keg; 50 gal. bbl., \$10.50.
- London Purple.** This largely displaces Paris Green, being not quite so strong. Per lb., 25c.; \$1.10 per 5 lbs.
- Nicoticide.** Used as a spray or as a vapor. Very effective in destroying thrip, aphis, white fly, and red spider, etc. Per  $\frac{1}{2}$  pt., 70c.; per  $\frac{1}{2}$  pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per  $\frac{1}{2}$  gal.; 1 gal., \$15.00. (Lamps for Nicoticide, 50c.)
- Nico-Fume (Liquid).** Used much the same way as Nicoticide. Per  $\frac{1}{4}$  pt., 50c.; per pt., \$1.50; per  $\frac{1}{2}$  gal., \$5.50; per gal., \$10.50.
- Nico-Fume.** This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. 24 sheets, 75c.; per 144 sheets, \$3.50; per 288 sheets, \$6.50.
- Nikoteen.** Makes a most satisfactory spray as well as vapor, excellent for Pea lice in the garden. \$1.50 pt.; 10 pts., \$14.00.
- Paris Green.** The chief merit of this article is the destruction of the potato bug. 10c. per  $\frac{1}{4}$  lb.; per  $\frac{1}{2}$  lb., 15c.; 30c. per lb.; \$1.25 per 5 lbs.; per 14 lbs., \$3.00.
- Pyrox (Bowker's).** A Bordeaux and Arsenate of Lead combined. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; \$13.50 per 100 lbs.; 200 lbs., \$26.50; \$62.50 per 500 lbs.
- Readeana Rose Bug Exterminator.** A poisonous preparation which dilutes in water. Used for destroying green fly, mealy bug, blight, mildew, etc. Small pkgs., 50c.; \$1.00 per large pkg.
- Scalecide (Soluble Crude Oil).** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30 gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.
- Scale Destroyer (Target Brand).** This is a preparation similar to Scalecide, but is not a crude petroleum. Per qt., 35c.; 65c. per  $\frac{1}{2}$  gal.; per gal., \$1.00; \$3.75 per 5 gals.; 25 gals., \$12.50; per 50 gals., \$23.00.
- Shoo Fly.** For keeping flies off cattle and horses. Per qt., 35c.; \$1.00 per gal.
- Slug Shot.** The standard remedy for currant worms and rose slugs. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$5.00. Full bbl. lots (about 250 lbs.), 4 $\frac{1}{2}$ c. per lb., f. o. b. Factory; 4 $\frac{3}{4}$ c. per lb., f. o. b. Phila.
- Sulphate of Copper.** For destroying fungous diseases of all kinds, also used in making Bordeaux mixture. Per lb., 15c.; \$1.25 per 10 lbs.; 25 lbs., \$2.75; \$10.50 per 100 lbs.
- Sulphur.** Used principally in greenhouses for checking mildew. Per lb., 7c.; 30c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.
- Sulphur Candles.** For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.00.
- Sulpho Tobacco Soap.** For destroying scale on palms and other plants. Soluble in warm water. 3 ozs., 10c.; 20c. per 8 ozs.
- Sulfocide.** For fungous diseases; a good substitute for Bordeaux Mixture. 50c. pt.; qt., 75c.; \$2.00 gal.
- Thymo Cresol (Sheep Dip).** This preparation is used for disinfecting, etc., it is also an excellent cold water sheep dip. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per qt., 70c.; \$1.10 per  $\frac{1}{2}$  gal.; per gal., \$2.00.
- Tobacco Dust.** Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 10c.; 25c. per 5 lbs.; per 10 lbs., 45c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50.
- Tobacco Dust (Stoathoffs).** For either fumigating or dusting. State which kind is wanted when ordering. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.35; \$2.25 per 50 lbs.; 100 lbs., \$4.00.
- Tobacco Soap (Pinners).** This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Per  $\frac{1}{2}$  lb., 20c.; 40c. per lb.
- Tobacco Stems (Fresh).** Used principally for fumigating and under benches in greenhouses. Per lb., 5c.; 20c. per 5 lbs.; per bu., 50c.; \$1.00 per bbl. bag; large bale, \$2.00.
- To-bak-ine Fumigating Paper.** Very much like Aphis Punk. Per package, of 24 sheets, 75c.; \$6.50 per box of 288 sheets.
- To-bak-ine Fumigating Liquid.** Similar to Nicoticide.  $\frac{1}{4}$  pt., 60c.; \$1.10 per  $\frac{1}{2}$  pt.; per pt., \$2.00; \$7.75 per  $\frac{1}{2}$  gal.; per gal., \$15.00.
- Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, and crawling pests cannot get over it. Per lb., 30c.; 3-lb. cans, 85c.; 10-lb. cans, \$2.65; \$4.80 per 20 lbs.
- Vaporite.** Vaporite kills all underground insects such as Wireworms, etc. 1 lb., 15c.; 60c. per 5 lbs.; 10 lbs., 90c.; \$2.00 for 25 lbs.; 50 lbs., \$3.75; \$6.50 per 100 lbs.
- Whale or Fish Oil Soap.** For mild forms of Scale, and is an excellent summer spray. Per  $\frac{1}{2}$  lb., 10c.; 20c. per lb.; per 5 lbs., 60c.; \$1.10 per 10 lbs.; per 25 lbs., \$2.00; \$6.50 per 100 lbs.
- Wilson's Plant Oil.** This is a soluble oil preparation, excellent for plant lice of all kinds. Pt., 40c.; 75c. per qt.; gal., \$2.00.
- Worm Eradicator.** This has been found to effectually destroy worms; may be used with perfect safety; results are sure. Bottle, 50c. and \$1.00; 5 per gal.; 2 gals., \$7.00; \$16.85 per 5 gals.

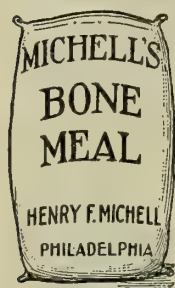


# FERTILIZERS MOSTLY IN DEMAND NOW

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia and can quote special prices on car-load quantities.

**Blood (Dried).** Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

**Blood Flour.** Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.50 per 200 lbs.



**Bone Meal (Michell's Strictly Pure).** Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns and greenhouse. 3 lbs. 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$32.00 per ton.

**Bone Flour.** Apply 600 lbs. per acre. Can be used for indoor or outdoor purposes. 5 lbs., 30c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; ton, \$40.00.

**Bone (Coarse Ground).** Apply 600 to 800 pounds per acre. Prepared from raw bones, exactly like bone meal. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; per ton, \$35.00.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$2.00; \$3.50 per 56 lbs.; 112 lbs., \$6.50.



**Cow or Cattle Manure (Shredded).** One sack of this is equal to one cart-load of cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.

## PRICES SUBJECT TO MARKET CHANGES

**Land Plaster.** Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and wornout soils, also for mixing with Paris Green. 5 lbs., 15c.; 30c. per 25 lbs.; 50 lbs., 50c.; 85c. per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.



**Lawn Dressing (Michell's Odorless).** Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 8c. lb.; 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; 1/2-ton, \$30.00; \$58.00 per ton.

**Poudrette (Native Guano).** Apply 1000 lbs. per acre. For garden and lawns it is a good quick acting fertilizer. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.50 per 200 lbs.; 600 lbs., \$6.00; \$8.00 per 1000 lbs.; per ton, \$15.00.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure, it is clean and easily handled. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; per ton, \$30.00.



**Thomson's Special Flower, Vegetable and Vine Manure.** Extensively used to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.25.

**Thomson's Special Chrysanthemum Manure.** Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.50; \$7.50 per 56-lb. sack.

## SEASONABLE SUNDRIES FOR THE GARDENER

### PEERLESS GLAZING POINTS

Made of zinc, can be used on right or left hand side of sash bar. 3 sizes.

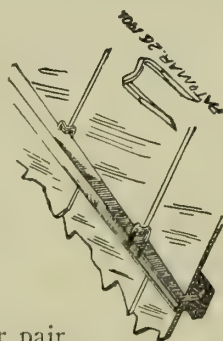
No. 1 for single thick glass.

No. 2 for single thick glass.

No. 2 1/2 for double thick glass.

Price 60c. per 1000 (by mail, 76c.).

**Pincers.** For driving Peerless Points. 50c. per pair.



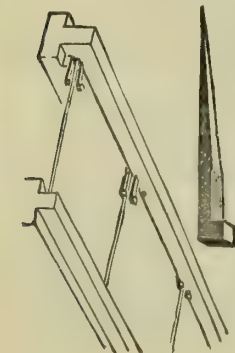
### SIEBERT'S ZINC GLAZING POINT

5/8 and 7/8 inches long. 40c. per lb.; 10 lbs., \$3.75.

There are between 1000 and 1200 points in a lb. of the above.

### ZINC GLAZING NAILS

20c. per lb.; 10 lbs., \$1.85.



### GLASS CUTTERS

Single Wheel, steel, each .....\$0.15  
6-Wheel, steel, each (see cut) ..... .35  
Diamond (ebony handle) ..... 3.00  
" (cocoa " ) large diamond 4.00

### MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

1/2 gallon .....\$0.75  
1 " ..... 1.35  
5 " ..... 6.50  
We can also supply Twemlow's English Putty.

### MASTICA MACHINE

For distributing mastica, etc. Made of zinc and will last a life time.

Price ..... \$1.25

### PUTTY BULBS

For distributing putty, mastica and similar materials. Price, \$1.00.



### PAINTED POT LABELS

	100	500	1000
4 inch.....	\$0.12	\$0.50	\$0.85
4 1/2 " .....	.15	.60	1.00
5 " .....	.20	.70	1.25
6 " .....	.25	.85	1.50
8 " .....	.35	1.75	3.25
10 " .....	.50	2.40	4.50
12 " .....	.75	3.25	6.00
18 " for field use ...	2.00	9.00	17.50

### WOOD TREE LABELS

	Per 100	Per 1000
Iron Wired. Plain .....	\$0.15	\$1.00
Copper Wired. Plain .....	.20	1.25
" " Painted ...	.25	1.50
Copper Sheet, wired. 20c. per doz.; per 100, \$1.10.		



# PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

## CEDAR TUBS

Equipped with Black Iron Hoops.

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

	Outside diam.	Length of stave outside	
No. 0.	27 inches	24 inches	\$5.50
No. 1.	25 "	22 "	5.00
No. 2.	23 "	20 "	4.50
No. 3.	21 "	18 "	4.00
No. 4.	19½ "	16 "	3.00
No. 5.	18 "	14 "	2.75
No. 6.	16½ "	13 "	2.25
No. 7.	15 "	12 "	2.00
No. 8.	12 "	10 "	1.75

## CEDAR PLANT TUBS

With Galvanized Iron Hoops

These hoops are much more substantial than the regular black iron and are well worth the difference; furnished only on order; not carried in stock.

	Galvan. Hoops
No. 0.	\$6.00
No. 1.	5.50
No. 2.	4.90
No. 3.	4.40
No. 4.	3.35
No. 5.	3.10
No. 6.	2.55
No. 7.	2.30
No. 8.	1.95

## MICHELL'S KEYSTONE PLANT TUBS



Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10c. per pair, specify when wanted that way.

No.	Inside Diam.	Depth	Each
0.	11 inches	10 inches	\$0.70
7.	12 "	11 "	.80
8.	13 "	12 "	.90
9.	14 "	13 "	1.00
10.	15 "	14 "	1.25
11.	16 "	15 "	1.35
12.	17 "	16 "	1.50
13.	18 "	17 "	1.75
14.	19 "	18 "	2.00

## ROLLING STANDS (Wood Fibre)



	Will fit	Pot	Tub	Each	Doz.
12 inches	10 in.	No. 8		\$0.53	\$6.00
14 "	12 "	" 8		.63	7.20
16 "	14 "	" 8		.78	9.00
18 "	16 "	" 7-6		.88	10.00
20 "	"	" 5		1.05	12.00
22 "	"	" 4		1.31	15.00



## WOOD FIBRE PLANT TUBS

Complete, with saucers.

	Green Enameled	Mahogany Color
10 inch	\$0.95	\$0.63
12 "	1.15	.75
14 "	2.00	1.50
18 "	4.73	3.95

## EARTHEN FLOWER POTS

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.



Height and Width Inside	Each	Doz.	100	1000
2 inches	\$0.01	\$0.07	\$0.50	\$3.96
2¼ "	.01	.08	.56	4.45
2½ "	.02	.09	.69	5.45
3 "	.02	.11	.88	6.93
3½ "	.02	.14	1.06	8.41
4 "	.02	.18	1.38	10.89
4¼ "	.03	.20	1.56	12.37
4½ "	.03	.24	1.88	14.85
5 "	.03	.32	2.50	19.80
5½ "	.05	.41	3.13	24.75
6 "	.05	.49	3.75	29.70
6½ "	.07	.62	4.80	44.00
7 "	.08	.78	6.00	55.00
8 "	.11	1.09	8.40	77.00
9 "	.16	1.56	12.00	110.00
10 "	.22	2.11	16.20	148.50
11 "	.29	2.81	21.60	
12 "	.40	3.90	30.00	
14 "	.80	7.80	60.00	
16 hand made	1.50	13.50		

## PAPER FLOWER POTS

Size	Doz.	100	1000
2¼ inches	\$0.08	\$0.35	\$3.00
2½ "	.10	.40	3.25
3 "	.12	.55	4.50
3½ "	.18	.70	6.00
4 "	.20	.95	7.50
5 "	.25	1.40	12.50
6 "	.30	1.80	17.00

## EARTHEN BULB PANS

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.

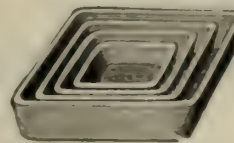


Diam. Inside	Each	Doz.	100
6 inches	\$0.07	\$0.68	\$3.75
7 "	.08	.78	4.80
8 "	.10	.98	6.00
9 "	.15	1.30	8.40
10 "	.20	1.63	10.80
12 "	.25	2.28	15.00
14 "	.50	4.55	30.00
16 "	.90	7.80	60.00
18 "	1.25	11.70	90.00

## SEED PANS

Earthenware

Inches	Each	Doz.
6	\$0.20	\$2.00
8	.25	2.50
10	.30	3.00
12	.40	3.50



Seed Pan



## WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or wood-work without damage; they are also unbreakable.

	Each	Doz.	100
4 inches	\$0.11	\$1.24	\$9.27
5 "	.11	1.27	9.54
6 "	.12	1.32	9.90
7 "	.13	1.44	10.80
8 "	.14	1.56	11.70
9 "	.15	1.73	12.96
10 "	.16	1.80	13.50
12 "	.19	2.16	16.20
14 "	.25	2.88	21.60
16 "	.44	5.04	37.80
18 "	.50	5.76	43.20

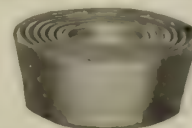


## EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.02	\$0.15	\$1.12
5 "	.03	.18	1.40
6 "	.04	.24	1.88
7 "	.05	.31	2.40
8 "	.06	.47	3.60
9 "	.08	.62	4.80
10 "	.09	.78	6.00
11 "	.11	.94	7.20
12 "	.15	1.17	9.00
14 "	.25	1.95	15.00



Fern Liner



## EARTHEN FERN PANS

These are suitable for putting into deep fern dishes.

Width	Height	Each	Doz.	100
4 in.	1½ in.	\$0.04	\$0.31	\$1.65
4¼ "	2¼ "	.05	.33	2.20
5½ "	2¼ "	.06	.41	2.75
6¼ "	2½ "	.07	.49	3.30
7 "	2¾ "	.09	.55	3.85
8 "	3¼ "	.11	.79	5.50
9 "	3¼ "	.15	.95	6.60

## FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries

Width	Depth	Each	Doz.	100
7 in.	1½ in.	\$0.12	\$1.00	\$6.00



**GREEN TAPERING STAKES**

	Each	Doz.	100
1½ feet tapering .....	\$0.02	\$0.17	\$1.00
2 " " .....	.03	.28	1.70
2½ " " .....	.04	.39	2.40
3 " " .....	.05	.51	3.20
3½ " " .....	.06	.63	4.00
4 " " .....	.07	.75	4.80
5 " " .....	.08	.88	5.60

**ROSE OR DAHLIA STAKES  
ROUND TAPERING STYLE**

	Each	Doz.	100
3 feet .....	\$0.08	\$0.75	\$4.85
3½ " .....	.09	.88	5.68
4 " .....	.10	1.10	6.50
5 " .....	.12	1.25	8.15
6 " .....	.15	1.55	9.80

**GALVANIZED WIRE STAKES****No. 10 Wire, light**

	Doz.	100	1000
2 feet long .....	\$0.12	\$0.60	\$5.00
2½ " " .....	.15	.75	6.25
3 " " .....	.18	.90	7.75
3½ " " .....	.22	1.10	9.00
4 " " .....	.25	1.25	10.50
4½ " " .....	.30	1.35	12.00
5 " " .....	.35	1.50	13.00
6 " " .....	.40	1.75	14.25

**No. 8 Wire, heavy**

	Doz.	100	1000
4 feet long .....	\$0.30	\$1.70	\$14.00
4½ " " .....	.35	1.85	15.00
5 " " .....	.40	2.00	16.00
6 " " .....	.45	2.25	18.00

**DOWELS OR STAKES**

Length	Diam.	Doz.	100	1000
24 in. ....	¾ in. ....	\$0.12	\$0.70	\$5.25
36 " ....	¾ " ....	.15	.85	6.50
36 " ....	1 in. ....	.15	.85	6.50
36 " ....	1 1/8 " ....	.15	.85	6.50
36 " ....	1 1/4 " ....	.15	.85	6.50
36 " ....	1 1/2 " ....	.20	1.25	9.00
42 " ....	1 1/8 " ....	.20	.95	7.50
42 " ....	1 1/4 " ....	.20	.95	7.50
42 " ....	1 1/2 " ....	.20	.95	7.50
42 " ....	1 3/8 " ....	.20	.95	7.50
42 " ....	1 5/8 " ....	.25	1.35	11.00

The above are plain stakes, if wanted dyed green add 5c. per doz.; 15c. per 100; per 1000, \$1.00 to the above prices.

**CANE STAKES**

	Doz.	100	250	1000
Southern, 8 to 9 ft. ....	\$0.25	\$1.00	\$2.25	\$8.00
Japanese, 5 to 6 ft. ....	.25	1.00	2.25	8.00
Japanese, 8 ft. long, very heavy .....	.50	3.50	6.00	22.50

**GREEN CANE STAKES**

These are treated with a coloring that is permanent, making a very attractive stake for all purposes where it is heavy enough. We have these in 3½ foot lengths only. Price, 15c. per doz.; per 100, \$1.00; \$8.25 per 1000.

**HYACINTH STAKES**

	Doz.	100	1000
Used for staking hyacinths, tulips and slender plants.			
12 inches long .....	\$0.05	\$0.25	\$1.50
18 " " .....	.08	.40	2.00

**Cort's Stake Fastener****Blake Lock Clip****STAKE FASTENERS**

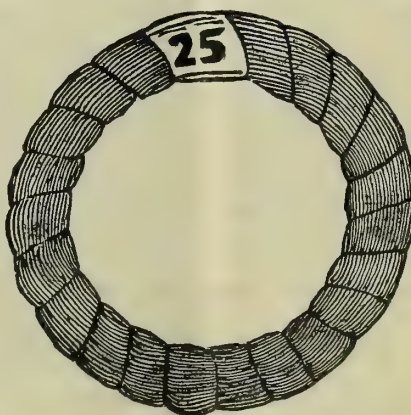
These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes.

	500	1000
Blakes. Lock Clips .....	\$0.85	\$1.60
Corts. Heavy .....	1.75	3.25
" Light .....	1.00	1.90

**SQUARE PLANT STAKES**

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1½ feet .....	\$0.02	\$0.12	\$0.90
2 " .....	.02	.20	1.35
2½ " .....	.03	.30	1.80
3 " .....	.04	.45	3.40
3½ " .....	.05	.55	3.85
4 " .....	.06	.60	4.40
5 " .....	.07	.75	5.50
6 " .....	.10	1.00	6.75

**WIRE**

Price subject to change

**GALVANIZED**

	lb.	12 lb. Stone
No. 16 .....	\$0.10	\$0.85
No. 18 .....	.11	1.00
No. 19 .....	.12	1.10
No. 20 .....	.13	1.15
No. 22 .....	.14	1.30
No. 24 .....	.15	1.50

**ANNEALED**

	lb.	12 lb. Stone
No. 16 .....	\$0.08	\$0.70
No. 18 .....	.09	.80
No. 20 .....	.10	.85
No. 22 .....	.11	.90
No. 24 .....	.12	1.10
No. 19 Tinned .....	.11	.90

**TINNED WIRE**

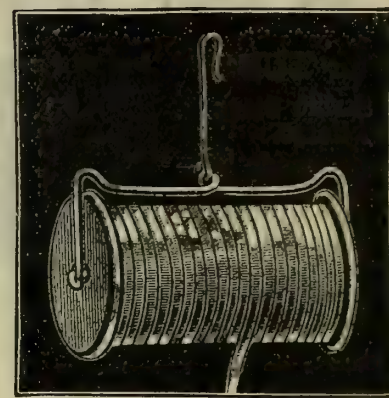
No. 19, 11c. lb.; per 12 lb. stone, 90c.  
In 10-lb. boxes, cut 8½ inches, 15c. per lb.; per box, \$1.40.

**CUT BOUQUET WIRE**

For Funeral Work, Stemming Flowers, Etc.

Cut 9 or 12 inches in length.

No. 20, 12c. per lb.; per box, 12 lbs.,	\$1.30
No. 22, 14c. per lb.; per box, 12 lbs.,	1.40
No. 24, 15c. per lb.; per box, 12 lbs.,	1.50

**RAFFIATAPE**

This article is made of a composition of paper and linen and is tremendously strong, it is about ¼ inch wide and is put up in 250 yard spools or reels. There is no waste as the reel is fitted with a small hook which permits it to be hung from a button-hole, and it can thus be drawn off exactly as needed. Color, Nile-green.

Per reel of 250 yards, 75c.

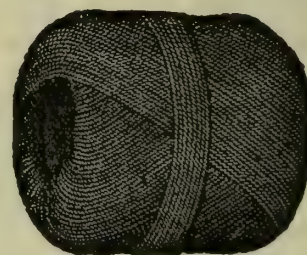
6 reels, \$4.25; 12 reels, \$8.00.

**RAFFEA**

For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 20c. per lb.; 5 lbs. for 90c.

Colored. In all shades. 15c. per ¼ lb.; 1 lb., 50c.; \$2.25 for 5 lbs.

**TWINES, ETC.**

	Ball	lb.
No. 12 Light Italian Twine . . .	\$0.20	\$0.40
No. 18 Medium Italian Twine . .	.20	.40
No. 24, Heavy Italian Twine...	.20	.40
No. 36, Heavy Italian Twine...	.20	.35
2 ply, 3 ply and 5 ply Jute ....	.10	.20
Linen Bouquet .....	.08	.45
Boston Linen, 2 and 3 ply.....	.20	.35
Green Sea Island .....	.10	.45
Special Thin White Cotton ....	.08	.30
2 ply Texas White Cotton ....	.07	.30
Tarred, for Mat Making .....	.20	
Tarred Sisal for Fodder .....		.12
Binder (5-lb. ball) .....	.75	
Express, very heavy .....	.20	

Green Silkaline. For stringing Smilax and Asparagus.

Price per spool, 25c.

Price, per lb. (8 spools) (Coarse or fine) .....

Green Linen (substitute for Silkaline), very similar to the above, fast color.

Price, 20c. per ball; 85c. per lb.



100,000-12-11. Cup. ca-1000

From  
P. O.  
County  
State

**HENRY F. MICHELL CO.**

**518 Market Street,**

(Note our New Address)

**"SEEDS,"** ETC.

**Philadelphia, Pa.**







# LEMON OIL CO'S STANDARD SOLUBLE IN WATER INSECTICIDE

NO ODOR NO POISON

NO DISAGREEABLE ODOR—NO POISON.

Guaranteed by the Lemon Oil Co. under the Insecticide Act of 1910. Serial No. 321.

IF YOU WANT AN INSECTICIDE

That is Cheap in Price  
Safe to Plants  
Death to Pests  
Harmless to User

Use our Standard Insecticide

It is recommended and in use by the leading Seedsmen and Florists to destroy Lice, Scale, Mealy Bug, Spider, Thrip, Black and Green Fly, Mites, Ants, Aphis, Rust, Caterpillar, Mildew, etc., on Palms, Rose Bushes, Rubber Plants, etc.

It leaves no disagreeable odor on blooms or foliage—advantages over the vile smelling soaps and powders.

It is more effective than other insecticides, and being poisonless, it is safe to both user and plants.

**Lemon Oil Co.'s Standard Insecticide** is a good and safe Flea Killer, Wash and Mange Remedy for Dogs and other animals. Contains no poison to injure the animal, and being liquid, gets through the hair to the hide destroying all vermin—advantages over powders.

It is extensively used in Poultry Houses to destroy Lice and other insects. Just the thing to kill Roaches, Ants, Bed Bugs, etc., in the homes.



## DIRECTIONS FOR USE.

**For Mealy Bug.**— $\frac{1}{2}$  pint Standard Insecticide to 4 or 6 quarts of *luke-warm* water or 1 tablespoonful to 2 cups of *luke-warm* water. When dipping for this insect the plants should remain in the liquid from 10 to 15 seconds and be kept in continual motion. When syringing use the finest sprayer and apply the liquid with force.

**For Brown and White Scale on Palms, Rubber Plants, etc.**— $\frac{1}{2}$  pint Standard Insecticide to 4 quarts WARM water or 1 tablespoonful to 2 cups WARM water, applying with sprayer or sponge.

**For Thrip, Red Spider, Caterpillar, Black and Green Fly.**— $\frac{1}{2}$  pint Standard Insecticide to 2 or 3 gallons water, or 1 tablespoonful to 3 or 4 cups water. Either spray or dip.

**For Mites.**— $\frac{1}{2}$  pint Standard Insecticide to 4 or 6 quarts of water.

**For Ants.**— $\frac{1}{2}$  pint Standard Insecticide to 1 gallon water. Well water their nests and runs several times in the course of a few days.

**For Fleas, Insects, Relieving Mange and Skin Diseases on Dogs and other Animals.**—1 tablespoonful Standard Insecticide to 1 cup WARM water. Rub well into the hide, letting lather remain a few minutes.

**For Insects in Poultry Houses.**—1 part Standard Insecticide to 10 parts water.

**For Insects that Infest Houses, Barns, etc.**—1 part Standard Insecticide to 10 parts water.

Soft water should always be used for mixing, and warm water for Mealy Bug and Scale. If the liquid is left standing over night, it will form a scum, which should be carefully removed before it is again used. The Standard Insecticide improves with age if the can is kept firmly closed. To remove can cap grasp it with a damp cloth and twist it and can body in opposite directions.

Always apply Insecticide under leaves so as to come in contact with insects.



LEMON OIL COMPANY'S  
STANDARD INSECTICIDE  
IS NOT ONLY USED EXTENSIVELY  
THROUGHOUT THE UNITED  
STATES, BUT ALSO IN GERMANY  
AND JAPAN.

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## UNSOLICITED TESTIMONIALS from a few of our Customers.

"We have used your insecticide in the city parks and squares for a number of years with excellent results."

---

A prominent chemist says the following:—

"In experimenting with various insecticides on young plants I have found Standard Insecticide especially valuable, as it effectually destroys insect life without harming the most tender plants."

---

"I have used the Standard Insecticide you shipped me to destroy Aphis and Scale, and have found it very satisfactory."

---

"You cannot recommend your Insecticide too strongly. It does all you claim for it."

---

"After using several unsuccessful preparations to exterminate bed bugs I tried Standard Insecticide and eradicated them with one application."

---

"Lemon Oil Co.'s Standard Insecticide is the best preparation I know for destroying fleas on dogs. The fact that it is odorless makes it particularly desirable."



IT MEETS  
THE  
REQUIREMENTS  
OF THE  
COMMERCIAL  
GROWERS AND  
SMALL  
GARDENERS.



IT SUITS  
THE  
GREENHOUSE  
DEMANDS  
AND THE  
SMALL  
HOUSE  
PLANTS.

### IMPORTANT HINTS ON THE USE OF LEMON OIL CO.'S STANDARD INSECTICIDE

The cheapest and most effectual plan for destroying insects and cleansing the plants is by dipping when possible. A man will thoroughly cleanse as many plants in one hour this way as he could in several days by sponging. A number one pot with the drainage hole corked, will be found a capital dipping vessel for ordinary-sized plants. For larger plants a barrel with one-third sawed off, will answer the purpose. Climbers can be syringed or sprayed in any position, as the drip will not hurt the most delicate object.

#### PRICES

1/2 Pint.....	\$ .25	1 Pint.....	\$ .40
1 Quart.....	.75	1/2 Gallon.....	1.25
1 Gallon.....	2.00	5 Gallon Can.....	9.00
10 Gallon Can \$17.50			

Directions on every Can.

MANUFACTURED BY

**LEMON OIL COMPANY,**  
420 W. Lexington Street, BALTIMORE, MD.

DISTRIBUTED BY

**Michell's Seed House**  
518 MARKET ST.  
PHILADELPHIA, PA.



# “MICHELL” Is Doing It

READ ALL ABOUT THE PRIZE  
OF \$50.00 IN GOLD FOR ONE  
4-INCH POT OF THE . . .

New Geranium “HELEN MICHELL”

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MICHELL'S SEED  
HOUSE

518 Market Street :: PHILADELPHIA, PA.

“EVERGREEN SEED GARDENS” TORRESDALE, PA.



# **"Michell" Is Doing It**

**A Cash Prize of \$50.00 in Gold**

IS OFFERED FOR THE BEST 4-INCH POT OF THE

**New Scarlet Geranium  
"HELEN MICHELL"**

GROWN FROM A SINGLE PLANT TO BE COMPETED FOR AT THE  
**NATIONAL FLOWER SHOW, NEW YORK, APRIL 13, 1913**

---

This new Geranium is introduced by us as THE BEST COMMERCIAL NOVELTY FOR 1913, and in order to popularize it the first year of its introduction, we are offering the above remarkable prize, hoping that every grower in the land will compete.

The competition is absolutely fair as no plants are disseminated until January, 1913, and no larger plants are then furnished than from 2¼-inch pots. Every one knows how to grow a Geranium, and it can be carried to the Show, avoiding express charges, delays and damages.

---

ORDERS ARE FILLED IN ROTATION AS BOOKED, SO ORDER NOW  
TO GET THEM EARLY.



Michell's Seed House, Philadelphia, Pa.

THE BEST COMMERCIAL NOVELTY FOR 1913  
The New Clear Scarlet Bedding Geranium  
**"HELEN MICHELL"**

(Name registered with S. A. F. & O. H.)

(Cross-Seedling Jean Viaud X Alphonse Ricard)

Introduced by HENRY F. MICHELL CO.

Seed, Bulb and Plant-growers.

518 Market Street, Philadelphia.

OUR CLAIM

for this novelty is, that it surpasses all other Scarlet Geraniums.

- (1). In brilliancy of color.
- (2). In size of bloom.
- (3). In number of clusters to the individual plant.
- (4). In vigor and strength.
- (5). In earliness of bloom.
- (6). In constancy of bloom.
- (7). In propagating quality.
- (8). In a wonderful ability to retain its brilliancy of color in the hottest of weather.

We have observed this Geranium and present the above claims as based upon personal experience.

"HELEN MICHELL" IS SEMI-DOUBLE, OF THE CLEAREST POSSIBLE SHADE OF SCARLET, IS EARLY IN BLOOM, AND FLOWERS VERY FREELY DURING THE ENTIRE SEASON

It grows compact medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flower-heads of any of the Bedding Geraniums. The individual blooms measure  $2\frac{1}{2}$ -inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-spikes, several half open and more in bud.

At the time of writing this circular (August) our trial bed of these is the most perfect sight one could wish for.

Its propagating quality is the best ever. More cuttings can be made from this variety than any other in existence.

To compare it with some of the best known commercial scarlet varieties will simply state that it puts the present standard bearer, "Alphonse Ricard," entirely in the background and soon will supplant it altogether.

There are more Scarlet Geraniums grown than any other color, so be in line and grow the best, AND THE BEST TO-DAY AND FOR SOME-TIME TO COME, is

**"HELEN MICHELL"**

TO BE DISSEMINATED JANUARY-MARCH, 1913. ORDERS BOOKED NOW  
AND FILLED IN ROTATION AS RECEIVED.

"Read what two of the greatest American Geranium growers have to say about  
'Helen Michell,' on the following page."



# Read what two of the greatest American Geranium growers have to say about "HELEN MICHELL"

---

Philadelphia, June 15, 1912.

Gentlemen:

Relative to the new Geranium, "Helen Michell," which was shown to us a few days ago, would say that we consider this variety a GREAT IMPROVEMENT over Alphonse Ricard. The flower is borne on a long, stiff stem, is MUCH LARGER than the Ricard variety, and the color is superb. It appeared to us to be a very VIGOROUS GROWER and UNUSUALLY FREE. We have known of this variety for the past two years and think it will be one of the grandest bedders in commerce.

Yours truly,

ROBERT CRAIG CO.

---

White Marsh, Md., June 10, 1912.

Gentlemen:

We take pleasure in assuring you that we were very favorably impressed with the new GERANIUM, "HELEN MICHELL." It certainly possesses merits of exceptional value to the grower, and we are confident it will immediately find its place among the leading class of Geraniums.

Respectfully yours,

R. VINCENT, JR., SONS

---

**SPRING**

TO BE DISSEMINATED **JANUARY-MARCH**, 1913.

FROM 2¼-INCH POTS.

PRICES TO THE TRADE:

Each 25c; \$2.50 Dozen; 100, \$15.00; Per 1000, \$125.00.

# Michell's Seed House

PHILADELPHIA, PA.



# KILL WEEDS IN LAWNS



ANY otherwise beautiful lawns are often disfigured by the tremendous growth of weeds in them, such as dandelion, plantain, etc. Ordinary weed killers cannot be applied, weeding by hand is out of the question. The three articles described below have been thoroughly tried and proven and we can recommend them highly. **Once Destroyed, Weeds are gone forever.** As a general rule you have little if any future difficulty with weeds where one of these preparations is applied.

## CLIMAX LAWN SAND

A UNIQUE combination of carefully dried and finely ground chemicals, which if sprinkled over the grass destroys moss, chickweed, plantains, dandelions and all other weeds on lawns, tennis courts, golf greens, &c., at the same time promoting the growth of the finer grasses to such an extent that the spaces previously occupied by the disfiguring weeds are quickly covered by a perfect sward of fine close-growing grass, of good color.

The chemicals used in "Climax Lawn Sand" are of such a nature that they will readily destroy any plant to which they can adhere. Weeds as a rule have broad hairy leaves or grow in matings so that powder can easily remain on the plants for several hours, while the grasses are smooth and fine-bladed and do not accept the sand as adherence.

### WHEN TO APPLY

**Season:** "Climax Land Sand" may be applied any time during the growing season of the year, namely from beginning of April to the end of October.

**Conditions of the Lawn:** The lawn must be absolutely dry; by that is meant that no water or dew must be visible on the grass.

**Weather:** Only apply in fine weather when the temperature is fairly high and when no rain appears likely for a day or two. **This is most important.**

### HOW TO APPLY

For shallow rooted close-cropped weeds such as moss, chickweed or daisies, sprinkle "Climax Lawn Sand" all over each patch, so as to lightly cover them with slight dusting, distributing evenly about five ounces for every square yard. Gauge the quantity according to the number of weeds. Repeat the application if any escape the first dressing. For all flat-leaved, shallow rooting weeds such as plantains, thistles, etc., a larger quantity is required and we recommend that a small teaspoonful should be placed on the crown of each plant.

### THE EFFECT

of an application is visible within a very few hours; the weeds blacken and die; the grass may become pale, but it quickly recovers its color, and a young growth of grass appears on the bare spots previously occupied by the weeds.

### QUANTITY REQUIRED AS A DESTROYER

Can of	lbs. for	150 square feet	Price
" 7	" "	250 "	\$.40
" 14	" "	500 "	.75
" 28	" "	1,000 "	1.25
" 56	" "	2,000 "	2.00
" 112	" "	4,000 "	3.50
" 560	" "	20,000 "	6.00
" 1120	" "	40,000 "	25.00
			45.00

## COPPERAS (Sulphate of Iron)

The low cost of this makes it very valuable for field as well as lawn use, it being one of the best articles for the destruction of Canada thistle and other difficult weeds. Especially valuable for eradicating dandelion, sorrel, etc. It dilutes 100 lbs. to 52 gallons of water, enough to treat an acre, and is applied with a sprayer. While it destroys weeds it also stimulates the growth of grass, etc. 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$1.75; 200 lbs., \$2.50; 500 lbs., \$5.75; 1000 lbs., \$11.00.

## AMMONIATED LAWN LIME DESTROYS WEEDS IN 48 HOURS

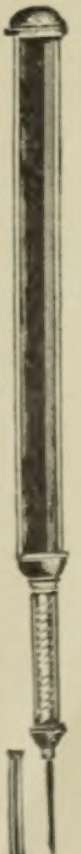
A chemical compound which when applied as a dressing kills all weeds in lawns, a single application is generally all that is needed. Select a bright sunny day, apply at the rate 1 lb. to 40 square feet (a space 10 x 4.) It fertilizes the grass, besides destroying the weeds. 2 lb. tin, 30c.; 60c. for 5 lbs.; 25 lbs., \$2.00; \$6.00 per 100 lbs.; 500 lbs., \$28.00; \$55.00 per 1000 lbs.; ton (2000 lbs.), \$108.00.

## WIKHAM WEED ERADICATOR AND CLIMAX WEED KILLER

The Eradicator is a tubular staff 36 inches long, fitted with a self-acting valve, so arranged that when filled with the "Climax Weed Killer" by simply pressing the point into the plant, enough liquid is injected into the tissues to destroy it. It is made of brass, especially hardened and bronzed, fitted with a perfectly tight screw cap. When not in use the point is protected by a ferrule which can be taken off when desired. It is the simplest and most effective instrument ever made. You push the point of the Eradicator into the crown and root of the dandelion and the root is forever destroyed without the least injury to the surrounding grasses or plants. No bending, no scratching, no weight and no digging. A pastime for the young, and old as well.

Wikeham Weed Eradicator (complete), \$4.00.

Climax Weed Killer, Tin No. 1 (enough to make 25 gallons of liquid), \$1.50.



Wikeham  
Weed  
Eradicator

**HENRY F. MICHELL CO., 518 Market St., Philadelphia**



# MICHELL'S TARGET BRAND WEED KILLER



THE DIFFERENT WAYS OF APPLYING IT. ADAPTED FOR USE IN LARGE OR SMALL AREAS

## TARGET BRAND WEED KILLER

is an effective combination of high-grade chemicals which diluted in water at 1 to 50 destroys the roots as well as the tops of all weeds and vegetation to which it is applied.

One gallon diluted is sufficient to cover 100 to 150 square yards; and one or two applications are sufficient for an entire season. Does not injure marble, cement or road metal. The best time for applying is just after a rain.

### PRICES OF "TARGET BRAND" WEED KILLER

Per quart . . . .	Makes 51 quarts .	\$0.45
" 1/2 gallon . . .	" 25 1/2 gals .	.65
" gallon . . . .	" 51 gals .	1.00
" 5-gallon can . .	" 255 " . .	4.50
" 10-gallon can . .	" 510 " . .	8.50
" 25-gallon can . .	" 1275 " . .	18.75
" 50-gallon barrel .	" 2550 " . .	35.00

## A FEW TESTIMONIALS

### LAKE VIEW CEMETERY

PENN YAN, N. Y.

Gentlemen:

Last May you sent us a shipment of Target Brand Weed Killer. We were very much pleased with the working of it. Will you please send us one 10 gallon can of the Target Brand Weed Killer and oblige

Yours respectfully,

H. W. PERKINS,  
Chairman and Supt.

### WASHINGTON UNIVERSITY

ST. LOUIS, MO.

Sirs:

I have used about 300 gallon of Target Brand Weed Killer and recommend it heartily. I used it on gravel walks, brick walks, tennis courts and cinder running tracks, and find it gives perfect results on all.

Yours truly,

CHARLES MURRAY,  
Head Gardener.

### BUFFALO BURIAL PARK ASSOCIATION

44 WEST EAGLE STREET

"ELM LAWN" LOCATION DELAWARE AVE,  
BUFFALO'S BURIAL PARK BEYOND CITY LIMITS

BUFFALO, N. Y.

Gentlemen:

The last shipment of weed killer arrived safely and I have used it with great success. It is certainly the best thing to keep weeds and grass out of the driveways and walks that I have used.

We are

Yours very truly,

BUFFALO BURIAL PARK ASSN.  
John G. Wallemiscerd, Secy.

### LEXINGTON CEMETERY CO.

LEXINGTON, KY.

Gentlemen:

We have tried your weed killer, "Target Brand" and it is a great improvement over the old weed killer.

Respectfully,

JAMES NICOL, Supt.

### FAIRMOUNT WEED KILLER

Dilutes 1 part to 50 parts of water. 1/2 gallon, 75c.; 1 gallon, \$1.25; 5 gallons, \$6.00; 10 gallons, \$11.00; 50-gallon barrel, \$45.00.

NOTICE—Fairmount and Target Brand Weed Killer cannot be used for destroying weeds among grass. For this purpose we recommend and supply

CLIMAX LAWN SAND, AMMONIATED LAND LIME and SULPHATE OF IRON. (See 3d inside cover page)

# HENRY F. MICHELL CO.

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